PTO/SB/01 (12-97)

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| DECLARATION F DESI  |   | First Named Inv                     | entor                   | SAKSENA,  | et al  |  |  |  |  |  |
| PATENT API  |   |                                     | MPLETE II               |   |  |  |  |  |  |  |
| (37 CFR   |   | Application Num                     |                         |   |  |  |  |  |  |  |
| _   | ,   | Filing Date                         |                         | ly 19, 2001   |  |  |  |  |  |  |
| ☑ Declaration ☐ Submitted OR  | Declaration<br>Submitted after Initial              | Group Art Unit                      |                         | To Be Assigned  |  |  |  |  |  |  |
| with Initial<br>Filing  | Filing (surcharge<br>(37 CFR 1.16 (e))<br>required) | Examiner Name                       |                         | Be Assigned   |  |  |  |  |  |  |
|   | <del></del>   |                                     |                         | <u> </u>  |  |  |  |  |  |  |
| As a below named invento  | r, I hereby declare that:                           |                                     |                         |   |  |  |  |  |  |  |
| My residence, post office ad-   | dress, and citizenship are as                       | stated below next to my             | name.                   |   | j  |  |  |  |  |  |
| I believe I am the original, fire   | st and sole inventor (if only or                    | ne name is listed below)            | or an original,         | first and joint inven   | tor (if plural   |  |  |  |  |  |
|   | e subject matter which is clai<br>PEPTIDES AS NS3-S |                                     |                         |   | rtled:   |  |  |  |  |  |
| NOVEE   | OF HEPATITIS  |                                     | SE INTILD.              | TOKS  |  |  |  |  |  |  |
| the specification of which is attached hereto OR  | (Title o  | f the Invention)                    |                         |   |  |  |  |  |  |  |
| was filed on (MM/DD/YYYY)  as United States Application Number or PCT International   |   |                                     |                         |   |  |  |  |  |  |  |
| Application Number  | and was a   | amended on (MM/DD/Y)                | m                       |   | (if applicable).   |  |  |  |  |  |
| I hereby state that I have revi<br>amended by any amendment   | ewed and understand the con                         | tents of the above ident            | ified specificat        | ion, including the cl   | aims, as   |  |  |  |  |  |
| I acknowledge the duty to disc  | •   |                                     | defined in 37 (         | OFR 1.56.   |  |  |  |  |  |  |
|   |   |                                     |                         | · · · · · · · · · · · · · · · · · · ·   |  |  |  |  |  |  |
| I hereby claim foreign priority certificate, or 365(a) of any Pt America, listed below and have or of any PCT international app | also identified below, by che                       | cking the box, any forei            | an application          | for patent or invent  | it or inventor's<br>hited States of<br>or's certificate, |  |  |  |  |  |
| Prior Foreign Application<br>Number(s)  | Country   | Foreign Filing Date<br>(MM/DD/YYYY) | Priority<br>Not Claimed | Certified Cop   | oy Attached?<br>NO                                       |  |  |  |  |  |
|   |   |                                     |                         |   |  |  |  |  |  |  |
| Additional foreign application  | an numbers are listed as a sur                      |                                     |                         |   |  |  |  |  |  |  |
| I hereby claim the benefit unc  |   | nited States provisional            | application(s)          | /02B attached here<br>listed below  | to:  |  |  |  |  |  |
| Application Number(s  | ) Filing Date (F                                    | MM/DD/YYYY)                         |                         |   |  |  |  |  |  |  |
|   |   |                                     | num                     | tional provisional<br>bers are listed on<br>lemental priority<br>/SB/02B attached | n a<br>data sheet  |  |  |  |  |  |
| Ĺ   |   | [Page 1 of 2]                       | <del></del>             |   |  |  |  |  |  |  |
|   | CERT  | IFICATE OF MA                       | ILING                   |   |  |  |  |  |  |  |
|   | correspondence is being<br>Assistant Commissioner   | deposited with the                  | Jnited State            |   |  |  |  |  |  |  |
| Typed or printed name   |   |                                     |                         |   |  |  |  |  |  |  |
| Signature   |   |                                     | Da                      | te  |  |  |  |  |  |  |
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### **DECLARATION** — Utility or Design Patent Application

| United States of<br>United States of<br>information wh | of Americ<br>or PCT in<br>ich is ma   | fit under 35 U.S.<br>ca, listed below<br>ternational appli<br>terial to patenta<br>international filir  | and, ins<br>cation in<br>bility as | ofar as t<br>the man<br>defined | the subj<br>uner prov<br>in 37 Cl | ect matte<br>vided by t<br>R 1.56 v | r of ea     | ch of the           | claims of this   | applica   | tion is                                 | not disclosed i         | in the prior |  |
|--|---|---|------------------------------------|---------------------------------|-----------------------------------|-------------------------------------|-------------|---------------------|------------------|-----------|---|-------------------------|--------------|--|
| U.   | S. Pare   | ent Applicati<br>Numb   |                                    | PCT P                           | Parent                            |                                     |             | rent Fili<br>MM/DD/ | ng Date<br>YYYY) |           | Parent Patent Number<br>(if applicable) |                         |              |  |
|  |   |   |                                    |                                 |                                   |                                     |             |                     |                  |           |   |                         |              |  |
| Additional   | U.S. or F   | CT international  | l applica                          | tion num                        | bers are                          | listed on                           | a sup       | olemental p         | oriority data s  | heet PT   | O/SB/0                                  | 2B attached h           | ereto.       |  |
| As a named inv   | entor. I h  | ereby appoint th  | e followi                          | no renis                        | tered or                          | ctitioner                           |             |                     |                  |           |   |                         |              |  |
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| Additional   | Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto. |   |                                    |                                 |                                   |                                     |             |                     |                  |           |   |                         |              |  |
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| believed to be<br>punishable by                        | true; and<br>fine or in   | I statements mad further that the opposite on the opposite of the contract of | ese stat<br>both, u                | ements                          | were m                            | ade with                            | the kn      | owledge t           | hat willful fal  | se state  | ments :                                 | and the like so         | o made are   |  |
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| Gi   | ven Nar   | ne (first and m   | iddle [i                           | f anyl)                         |                                   |                                     | $\top$      |                     | Family           | Name      | or Su                                   | mame                    | <del></del>  |  |
| ANIL K.  |   |   |                                    | <u> </u>                        |                                   |                                     | S           | AKSEN               |                  |           |   |                         |              |  |
| Inventor's<br>Signature                                |   | A   | $\mathcal{A}$                      | K                               | te                                | 1                                   | Φ.          |                     |                  |           |   | Date                    | 6/8/01       |  |
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| Additional   | invento   | rs are being n  | amed o                             | n the                           | 7 sur                             | oplemen                             | tal Ad      | ditional Ir         | nventor(s) s     | heet(s)   | PTO/                                    | SB/02A attac            | ched hereto  |  |

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|--|--|--------------------|-----|------------------------|-----------------------|------------------|-----------|---------------|---------|--------|--|
| Given Nar                              | me (first and middle [if any               | ])                 |     | Family Name or Surname |                       |                  |           |               |         |        |  |
| VIYYOOR MO                             | OPIL                                       |                    |     | GIRIJAVALLABHAN        |                       |                  |           |               |         |        |  |
| inventor's<br>Signature                | Ulle                                       | va                 | la  | Kha_                   |                       |                  |           | Date          | -       | 6/8/01 |  |
| Residence: City                        | PARSIPPANY                                 | State              | NJ  | С                      | ountry                | USA              |           | Citizens      | hip     | USA    |  |
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| Name of Addition                       | Name of Additional Joint Inventor, if any: |                    |     |                        |                       |                  |           |               |         | entor  |  |
| Given Name (first and middle [if any]) |  |                    |     |                        | Family Name or Sumame |                  |           |               |         |        |  |
| RAYMOND G.                             | MOND G.                                    |                    |     |                        |                       | Y                |           |               | _       |        |  |
| Inventor's<br>Signature                | Cayma                                      | val/               | 5.5 | en                     | بربد                  | _                |           | Da            | te      | 6/8/01 |  |
| Residence: City                        | WEST CALDWELL                              | State              | NJ  | c                      | ountry                | USA              |           | Citize        | nship   | USA    |  |
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| Given Na                               | me (first and middle [if any               | (1)                |     | Family Name or Sumame  |                       |                  |           |               |         |        |  |
| EDWIN                                  |  |                    |     | JAO                    | 1                     |                  |           |               |         |        |  |
| Inventor's<br>Signature                | Eduf                                       |                    |     |                        |                       |                  |           | De            | ite     | 6/8/1  |  |
| Residence: City                        | WARREN                                     | State              | NJ  |                        | ountry                | USA              |           | Citize        | nship   | USA    |  |
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# ADDITIONAL INVENTOR(S) Supplemental Sheet Page 2 of 9

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|--|--------------------------------|-----------|------|-----------------------|-----------------------|-----------------|-----------|-------------|---------|--------------|--|
| Name of Addition                       | al Joint Inventor, if any      | ':        |      |                       | petition              | n has been file | d for thi | s unsigne   | d inve  | ntor         |  |
| Given Nar                              | ne (first and middle [if any]) |           |      | Family Name or Sumame |                       |                 |           |             |         |              |  |
| FRANK                                  |                                |           |      | BENNETT               |                       |                 |           |             |         |              |  |
| Inventor's<br>Signature                | Trade but                      | <i>//</i> |      |                       |                       |                 |           | Date        | 6       | 801          |  |
| Residence: City                        | PISCATAWAY                     | State     | NJ   | c                     | ountry                | USA             |           | Citizensh   | ip SC   | OTLAND       |  |
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| Name of Addition                       | nal Joint Inventor, if any     | y:        |      |                       | A petitic             | n has been fil  | ed for th | nis unsign  | ed inve | entor        |  |
| Given Name (first and middle [if any]) |                                |           |      |                       | Family Name or Sumame |                 |           |             |         |              |  |
| JINPING L.                             |                                |           | MC C | ORMICK                |                       |                 |           |             |         |              |  |
| Inventor's<br>Signature                | Try d. V.                      | ne        | 2/   |                       |                       | ·               |           | Da          | Date 6  |              |  |
| Residence: City                        | EDISON                         | State     | NJ   | 1                     | Country               | USA             | ·         | Citize      | nship   | USA          |  |
| Post Office Address                    | 5 PACE DRIVE                   |           |      |                       |                       |                 |           |             |         |              |  |
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| Given Na                               | ame (first and middle [if any] | )         |      |                       |                       | Family N        | ame or    | Surname     |         |              |  |
| HAIYAN                                 |                                |           |      | W.                    | ANG                   |                 |           | <del></del> |         |              |  |
| inventor's<br>Signature                |                                |           |      |                       |                       |                 |           | D           | ate     |              |  |
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#### **ADDITIONAL INVENTOR(S)** Supplemental Sheet Page 3 of 9

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|--|---|----------|-------|----------|-----------------------|----------|------|-----------------|---------|--------|----------|------|--------------|
| Name of Addition                       | nal Joint Inventor, if an   | y:       |       |          |                       | A petit  | ion  | has been file   | d for t | his un | signed i | inve | ntor         |
| Given Na                               | me (first and middle [if any  | )        |       |          |                       |          |      | Family Nar      | ne or   | Suma   | me       |      |              |
| RUSSELL E.                             |   |          |       |          | PII                   | KE       |      | ·               |         |        |          |      |              |
| Inventor's<br>Signature                | Russell E   | <u> </u> | Ril   | P        |                       |          | _    |                 |         |        | ate      | يو   | une 8,200    |
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| STEPHANE L.                            | HANE L.   |          |       |          |                       | BOGI     | ΞN   | τ               |         |        |          |      |              |
| Inventor's<br>Signature                | J. S. | m.       |       |          |                       |          |      |                 |         |        | Date     |      | 06/08/01     |
| Residence: City                        | SOMERSET  | s        | tate  | NJ       |                       | Countr   | y    | USA             |         | Ci     | tizenshi | ,    | FRANCE       |
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| Post Office Address                    |   |          |       |          |                       |          |      |                 |         |        |          |      |              |
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| Given Na                               | me (first and middle [if any  | ])       |       |          |                       |          |      | Family Na       | me or   | Surna  | me       |      |              |
| TIN-YAU                                |   |          |       | ·        | CH                    | IAN      |      |                 |         |        |          |      |              |
| Inventor's<br>Signature                | Colean Z.   | ù        | 1/    | Jac      | (                     |          |      |                 |         |        | Date     |      | 6/8/201      |
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| Name of Addition   | nal Joint Inventor, if any     | <u>':                                    </u> |             |                       | A petition                            | has been file   | d for this | unsigr   | ed inve      | ntor     |
| Given Nar  | me (first and middle [if any]) |   |             | Family Name or Sumame |                                       |                 |            |          |              |          |
| YI-TSUNG   |                                |   |             | LIU                   | [                                     |                 |            | _        |              |          |
| Inventor's<br>Signature  | M. 21 Z                        | wi  |             |                       |                                       |                 |            | Date     | J            | w8,20    |
| Residence: City  | MORRIS TOWNSHIP                | State   | NJ          |                       | Country                               | USA             | ,          | Citizens | hip (        | HINA     |
| Post Office Address  | 34 ALEXANDRIA RO               | DAD   |             |                       |                                       |                 |            |          |              |          |
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| City   | MORRIS TOWNSHIP                | State   | NJ          |                       | ZIP (                                 | 7960            | Country    | US       | SA           |          |
| Name of Additional Joint Inventor, if any:  A petition has been filed for this unsigned inventor |                                |   |             |                       |                                       |                 |            |          |              |          |
| Given Name (first and middle [if any]) Fami  |                                |   |             |                       |                                       |                 | me or S    | umame    | )            |          |
| ZHAONING   |                                | ZHU   |             |                       |                                       |                 |            |          |              |          |
| Inventor's<br>Signature  | Kaon                           | Hamme hu                                      |             |                       |                                       |                 |            |          | ate          | 06/08/01 |
| Residence: City  | EAST WINDSOR                   | State   | NJ          |                       | Country                               | USA             |            | Citiz    | enship       | CHINA    |
| Post Office Address  | 34 STONEHEDGE                  | DRIVE   |             |                       |                                       |                 |            |          |              |          |
| Post Office Address  |                                |   | ·           |                       | · · · · · · · · · · · · · · · · · · · |                 |            |          |              |          |
| City   | EAST WINDSOR                   | State   | NJ          |                       | ZIP                                   | 08520           | Coun       | try      | USA          |          |
| Name of Additio  | nal Joint Inventor, if an      | y:  |             |                       | ] A petiti                            | on has been fil | ed for th  | is unsi  | gned in      | ventor   |
| Given Na   | ame (first and middle [if any  | )   |             | ļ.,                   | - Più                                 | Family Na       | ame or S   | Surnam   | Θ            |          |
| F. GEORGE  |                                |   |             | Ŋ                     | ZOROC                                 | BE              |            |          |              |          |
| inventor's<br>Signature  | F. Gusqu                       |   | pri         | r.                    | ,                                     |                 |            |          | Date         | 06/08/0/ |
| Residence: City  | WARREN                         | State   | N.          | ſ                     | Country                               | USA             |            | Citiz    | zenship      | KENYA    |
| Post Office Address  | 11 SOFTWOOD WA                 | Y   |             |                       |                                       |                 |            |          | <del> </del> |          |
| Post Office Address  | 3                              |   | <del></del> |                       |                                       |                 |            |          |              |          |
| City   | WARREN                         | State   | NJ          |                       | ZIP                                   | 07059           | - 0        | country  | US           | A        |

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|  |  | 4      |   |          |          |       |              |           |             |        |                                       |
|--|--|--------|---|----------|----------|-------|--------------|-----------|-------------|--------|---------------------------------------|
| Name of Addition                           | lame of Additional Joint Inventor, if any:  A petition has been filed for this unsigned inventor |        |   |          |          |       |              |           |             |        |                                       |
| Given Nar                                  | Given Name (first and middle [if any]) Family Name or Sumame                                     |        |   |          |          |       |              |           |             |        |                                       |
| ASHOK                                      | ASHOK ARASAPPAN  |        |   |          |          |       |              |           |             |        |                                       |
| Inventor's<br>Signature                    | A shoh A   | ras    | aff                                     | <u>م</u> | -        |       |              |           | Date        | 0      | 6/08/01                               |
| Residence: City                            | BRIDGEWATER  | State  | NJ                                      | C        | ountry   | USA   | A            |           | Citizenshi  | р П    | NDIA                                  |
| Post Office Address                        | 18LARSEN COURT   |        |   |          |          |       |              |           |             |        |                                       |
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| City                                       | BRIDGEWATER  | State  | NJ                                      |          | ZIP (    | 880   | 7 <b>c</b>   | ountry    | US.         | A      |                                       |
| Name of Additional Joint Inventor, if any: |  |        |   |          |          |       |              |           |             |        |                                       |
| Given Na                                   | Given Name (first and middle [if any]) Family Name or Sumame                                     |        |   |          |          |       |              |           |             |        |                                       |
| TEJAL PAREKH                               |  |        |   |          |          |       |              |           |             |        |                                       |
| Inventor's<br>Signature                    | Date   |        |   |          |          |       | ė            |           |             |        |                                       |
| Residence: City                            | MOUNTAIN VIEW  | State  | CA                                      | c        | ountry   | US    | SA           |           | Citizen     | ship   | INDIA                                 |
| Post Office Address                        | 1885 EDNAMARY W  | AY, UI | NIT C                                   |          |          |       |              |           |             |        |                                       |
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| Name of Additio                            | nal Joint Inventor, if an  | y:     |   |          | A petiti | on ha | s been filed | d for thi | is unsign   | ed inv | rentor                                |
| Given Na                                   | ame (first and middle [if any])  | )      |   |          |          |       | Family Nan   | ne or S   | Surname     |        |                                       |
| ASHIT K.                                   |  |        |   | GA       | NGU.     | LY    |              |           |             |        | · · · · · · · · · · · · · · · · · · · |
| Inventor's<br>Signature                    |  |        | - · · · · · · · · · · · · · · · · · · · |          |          | ·     |              |           | Da          | te     |                                       |
| Residence: City                            | UPPER MONTCLAIR  | State  | NJ                                      |          | Country  | U     | SA.          |           | Citize      | nship  | USA                                   |
| Post Office Address                        | 96 COOPER AVENU  | JE     |   |          |          |       |              |           |             |        |                                       |
| Post Office Address                        | 3  | ···    | _                                       |          |          |       |              |           |             |        |                                       |
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| lame of Additional Joint Inventor, If any:   |  |       |          |    |            |                |              |           |            |          |
|--|--|-------|----------|----|------------|----------------|--------------|-----------|------------|----------|
| Given Nar  | me (first and middle [if any])                               |       |          |    |            | Family N       | ame or Su    | ımame     |            |          |
| KEVIN X.   |  |       |          | CH | EN         |                |              |           |            |          |
| Inventor's<br>Signature  | Me   | h     | L        | _  | >          |                |              | Date      | 6          | 18/01    |
| Residence: City  | ISELIN   | State | NJ       |    | Country    | USA            |              | Citizensh | ip [       | JSA      |
| Post Office Address  | 44 GILL LANE, APT  | •     |          |    |            |                |              |           |            |          |
| Post Office Address  |  |       |          |    |            |                |              |           |            |          |
| City   | ISELIN   | State | NJ       |    | ZIP        | 08830          | Country      | USA       | A          |          |
| Name of Additional Joint Inventor, if any:  A petition has been filed for this unsigned inventor |  |       |          |    |            |                |              |           |            |          |
| Given Na   | Given Name (first and middle [if any]) Family Name or Sumame |       |          |    |            |                |              |           |            |          |
| SRIKANTH   |  |       |          |    | VENK.      | ATRAMA         |              | ,         |            |          |
| Inventor's<br>Signature  | lr.v   |       |          |    |            |                |              | Dat       | te         | 8th June |
| Residence: City  | FORDS  | State | NJ       |    | Country    | USA            |              | Citizer   | ship_      | INDIA    |
| Post Office Address 6 TULIP DRIVE, #3H   |  |       |          |    |            |                |              |           |            |          |
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| Name of Additio  | nal Joint Inventor, if an                                    | y:    |          |    | ] A petiti | on has been    | filed for th | is unsigr | ned inv    | entor    |
| Given Na   | ame (first and middle [if any]                               | )     |          |    |            | Family         | Name or S    | Surname   |            |          |
| HENRY A.   |  |       |          | VA | ACCAR      | .0             |              | 1.12      | •          |          |
| inventor's<br>Signature  | JAN-   |       |          |    | 1          | - <del>1</del> |              | 6/8       | /0 <br>ate |          |
| Residence: City  | SOUTH PLAINFIELD   | State | NJ       |    | Country    | USA            |              | Citize    | nship      | USA      |
| Post Office Address  | 123 SOMERSET AV  | ENUE  |          |    |            |                | <del></del>  |           |            |          |
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| City   | SOUTH<br>PLAINFIELD  | State | NJ       |    | ZIP        | 07080          |              | Country   | US.        | A        |

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| Name of Addition   | Name of Additional Joint Inventor, if any:  A petition has been filed for this unsigned inventor |          |                  |          |           |       |               |         |              |                |        |
| Given Nar  | me (first and middle [if any])   |          |                  |          |           |       | Family Name   | or S    | urname       | 8              |        |
| PATRICK A.   |  | <u>a</u> | $\mathcal{A}$    | PIN      | ТО        |       |               |         |              | <del>/</del>   |        |
| inventor's<br>Signature  | fatrick (  | 1.1      | ini              | to.      |           |       |               |         | 6/8/1<br>Dái | /0/<br>te      |        |
| Residence: City  | MORRIS PLAINS  | State    | NJ               |          | Country   | τ     | JSA           |         | Citizer      | nship (        | JSA    |
| Post Office Address  | 34 BATTLE RIDGE I  | ROAL     | )                |          |           |       |               |         |              |                |        |
| Post Office Address  |  |          |                  |          |           |       |               |         |              |                |        |
| City   | MORRIS PLAINS  | State    | NJ               |          | ZIP       | 07    | 7950          | Country | , U          | JSA            |        |
| Name of Additional Joint Inventor, if any:  A petition has been filed for this unsigned inventor |  |          |                  |          |           |       |               |         |              |                |        |
| Given Na   | Given Name (first and middle [if any]) Family Name or Sumame                                     |          |                  |          |           |       |               |         |              |                |        |
| BAMA   |  | ·        | ·                |          | SANT      | H.    | ANAN          |         |              |                |        |
| Inventor's<br>Signature  | Date   |          |                  |          |           |       |               |         |              |                |        |
| Residence: City  | BRIDGEWATER State NJ Country USA Citizenship INI   |          |                  |          |           | INDIA |               |         |              |                |        |
| Post Office Address  | 10 SOMERSET AVE  | NUE      |                  |          |           |       |               |         |              |                |        |
| Post Office Address  | ·  |          |                  |          |           |       |               |         |              |                |        |
| City   | BRIDGEWATER  | Stat     | e <sub>N</sub> J |          | ZIP       |       | 08807         | Cou     | ntry         | USA            |        |
| Name of Additio  | nal Joint Inventor, if an  | y:       |                  |          | ] A petit | ion   | has been file | d for t | his uns      | signed in      | ventor |
| Given Na   | ame (first and middle [if any]   | )        |                  |          |           |       | Family Nar    | ne or   | Surnar       | me             |        |
| SCOTT JEFFRE   | Y  |          |                  | KE       | MP        |       |               |         |              |                |        |
| Inventor's<br>Signature  |  |          |                  |          | 1         |       |               |         |              | Date           |        |
| Residence: City  | SAN DIEGO  | Stat     | e C.             | A        | Countr    | لر    | USA           |         | Cit          | tizenship      | USA    |
| Post Office Address  | 7873 AVENIDA NAV   | IDAI     | #263             |          |           |       |               |         |              |                |        |
| Post Office Address  | 3  |          |                  |          |           |       | <del></del>   |         |              | <del>- 1</del> |        |
| City   | SAN DIEGO  | State    | CA               | <b>.</b> | ZII       | P_    | 92130         |         | Count        | y US           | A      |

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| Name of Additional Joint Inventor, if any:                    |                                |       |    |              |              |        |               |         |        |           |        |              |
|---|--------------------------------|-------|----|--------------|--------------|--------|---------------|---------|--------|-----------|--------|--------------|
| Given Nar   | me (first and middle [if any]) |       |    |              |              |        | Family Nai    | me or   | Sum    | ame       |        |              |
| ODILE ESTHER  |                                |       |    | LE           | VY           |        |               |         |        |           |        |              |
| Inventor's<br>Signature                                       |                                |       |    |              |              |        |               |         |        | Date      | _      |              |
| Residence: City   | SAN DIEGO                      | State | CA |              | Coun         | try    | USA           |         | Cit    | izenship  | , U    | SA           |
| Post Office Address 5304 RUETTE DE MER                        |                                |       |    |              |              |        |               |         |        |           |        |              |
| Post Office Address   | Post Office Address            |       |    |              |              |        |               |         |        |           |        |              |
| City  | SAN DIEGO                      | State | NJ |              | ZIP          | 9      | 2130          | Coun    | try    | USA       |        |              |
| Name of Additional Joint Inventor, if any:                    |                                |       |    |              |              |        |               |         |        |           |        |              |
| Given Name (first and middle [if any]) Family Name or Surname |                                |       |    |              |              |        |               |         |        |           |        |              |
| MARGUERITA  |                                |       |    |              | LIM          | -W     | ILBY          |         |        |           |        |              |
| Inventor's<br>Signature                                       | Date                           |       |    |              |              |        |               |         |        |           |        |              |
| Residence: City   | LA JOLLA                       | State | CA |              | Cour         | ntry   | USA           |         |        | Citizens  | hip    | MALAYSIA     |
| Post Office Address 6333 CASTENJON DRIVE                      |                                |       |    |              |              |        |               |         |        |           |        |              |
| Post Office Address   | •                              |       |    |              |              |        |               |         |        |           |        |              |
| City  | SANTA FE                       | State | NM | [            | 2            | ZIP    | 92037         | Co      | untry  | , U:      | SA_    |              |
| Name of Additio   | nal Joint Inventor, if an      | y:    |    |              | <b>⊒ A</b> p | etitic | n has been fi | led for | this   | unsigne   | ed inv | entor        |
| Given Na  | ame (first and middle [if any] | )     |    | $oxed{\Box}$ |              |        | Family N      | ame o   | r Su   | name      |        |              |
| SUSAN Y.  |                                | -     |    | Т            | AMU          | RA     | <u> </u>      |         |        |           |        |              |
| Inventor's<br>Signature                                       |                                |       |    | -            |              |        | 1             |         |        | Date      | e      |              |
| Residence: City   | SANTA FE                       | State | NI | M            | Cou          | ntry   | USA           | 411     |        | Citizen   | ship   | USA          |
| Post Office Address   | 2213 CALLE CACIO               | QUE   |    |              |              |        |               |         |        |           |        |              |
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| City  | SANTA FE                       | State | NN | 1            |              | ZIP    | 87505         |         | Co     | untry     | USA    |              |
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|--|--|-------------------|----|----------|---------------------------------------|-----------|-----------|---------|--------|
| Given Na   | me (first and middle [if any]  | )                 |    |          | Family Na                             | me or     | Sumame    |         |        |
| WANLI  | WANLI WU   |                   |    |          |                                       |           |           |         |        |
| Inventor's<br>Signature  | (1) a  | entr              | h  |          |                                       |           | Date      | é       | 18/01  |
| Residence: City  | EDISON   | State             | NJ | Country  | USA                                   |           | Citizens  | hip (   | CHINA  |
| Post Office Address  | 30 SHEPPARD PLAC   | 30 SHEPPARD PLACE |    |          |                                       |           |           |         |        |
| Post Office Address  |  |                   |    |          |                                       |           |           |         |        |
| City   | EDISON   | State             | NJ | ZIP      | 08817                                 | Count     | y US      | A       |        |
| Name of Additional Joint Inventor, if any:  A petition has been filed for this unsigned inventor |  |                   |    |          |                                       |           |           |         |        |
| Given Name (first and middle [if any]) Family Name or Surname                                    |  |                   |    |          |                                       |           |           |         |        |
| SISKA  |  |                   |    | HEND     | RATA                                  |           |           |         |        |
| Inventor's<br>Signature  | Sistentien Date 61   |                   |    |          |                                       |           | 6/8/01    |         |        |
| Residence: City  | EDISON   | State             | NJ | Country  | USA                                   |           | Citize    | nship_  | CHINA  |
| Post Office Address 25 CINDER ROAD, APT. 2F  |  |                   |    |          |                                       |           |           |         |        |
| Post Office Address  | -  |                   |    |          |                                       |           |           |         |        |
| City   | EDISON   | State             | NJ | ZIP      | 08820                                 | Cou       | ntry 7    | JSA     |        |
| Name of Addition   | nal Joint Inventor, if an  | y:                |    | A petiti | on has been fil                       | ed for ti | his unsig | ned inv | rentor |
| Given Na   | me (first and middle [if any]  | )                 |    |          | Family Na                             | ame or    | Surname   |         |        |
| YUHUA  |  | ·····             | Н  | UANG     | ·                                     |           |           |         |        |
| inventor's<br>Signature  | Thurt  |                   |    |          | · · · · · · · · · · · · · · · · · · · |           | Di        | ate     | 6/8/01 |
| Residence: City  | SCOTCH PLAINS  | State             | NJ | Country  | USA                                   |           | Citize    | nship   | CHINA  |
| Post Office Address  | 61 SPRUCE MILL LA  | ANE               |    |          |                                       |           |           |         |        |
| Post Office Address  |  |                   |    |          |                                       |           |           |         |        |
| City   | SCOTCH PLAINS  | State             | NJ | ZIP      | 07076                                 |           | Country   | USA     | 4      |

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#### **DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION** (37 CFR 1.63)

☑ Declaration Submitted with Initial

Filing

Declaration
Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

| Attorney Docket Num  | ber   | IN01159K       |  |
|----------------------|-------|----------------|--|
| First Named Inventor |       | SAKSENA, et al |  |
| COMPLE               | TE II | KNOWN          |  |
| Application Number   |       | /              |  |
| Filing Date          | Ju    | y 19, 2001     |  |
| Group Art Unit       | То    | Be Assigned    |  |
| Examiner Name        | to    | Be Assigned    |  |

| As a below named invent   | or, I hereby declare that:  |                                     |                         |                                       |          |  |  |  |  |
|---|---|-------------------------------------|-------------------------|---------------------------------------|----------|--|--|--|--|
| My residence, post office a   | My residence, post office address, and citizenship are as stated below next to my name. |                                     |                         |                                       |          |  |  |  |  |
| I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural   |   |                                     |                         |                                       |          |  |  |  |  |
| names are listed below) of  | the subject matter which is o   | claimed and for which a pat         | ent is sought on        | the invention entit                   | tled:    |  |  |  |  |
| NOVEL   | PEPTIDES AS NS3   |                                     | SE INHIBIT              | ORS                                   |          |  |  |  |  |
|   | OF HEPATIT  | IS C VIRUS                          |                         |                                       |          |  |  |  |  |
| the specification of which  | ( Said of the hivalianty  |                                     |                         |                                       |          |  |  |  |  |
| is attached hereto OR   |   |                                     |                         |                                       |          |  |  |  |  |
| was filed on (MM/DD/YYYY) as United States Application Number or PCT International  |   |                                     |                         |                                       |          |  |  |  |  |
| Application Number and was amended on (MM/DD/YYYY) (if applicable).   |   |                                     |                         |                                       |          |  |  |  |  |
| I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as   |   |                                     |                         |                                       |          |  |  |  |  |
| amended by any amendment specifically referred to above.  |   |                                     |                         |                                       |          |  |  |  |  |
| ! acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.  |   |                                     |                         |                                       |          |  |  |  |  |
| I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed. |   |                                     |                         |                                       |          |  |  |  |  |
| Prior Foreign Application<br>Number(s)  | Country   | Foreign Filing Date<br>(MM/DD/YYYY) | Priority<br>Not Claimed | Certified Cop                         | •        |  |  |  |  |
| Humber(s)   |   | (MM/DDITTT)                         | HOC CHAINICG            | YES                                   | NO       |  |  |  |  |
|   |   |                                     |                         |                                       | 吕        |  |  |  |  |
|   |   |                                     |                         | ä                                     | <u> </u> |  |  |  |  |
|   |   |                                     |                         |                                       |          |  |  |  |  |
| Additional foreign applica  | tion numbers are listed on a  | supplemental priority data          | sheet PTO/SB/0          | 2B attached here                      | to:      |  |  |  |  |
|   | nder 35 U.S.C. 119(e) of an   | y United States provisional         | application(s) lis      | ted below.                            |          |  |  |  |  |
| Application Number  | (s) Filing Date   | (MM/DD/YYYY)                        |                         |                                       |          |  |  |  |  |
|   |   |                                     |                         | onal provisional                      |          |  |  |  |  |
|   |   |                                     |                         | ers are listed on<br>emental priority |          |  |  |  |  |
|   |   |                                     |                         | B/02B attached                        |          |  |  |  |  |
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| Additional  | U.S. or F  | CT international  | applica | tion nur     | nbers ar | e listed on     | a sup                              | olementa   | priority data    | sheet PT                             | O/SB/    | 02B attached h            | ereto.          |
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| ANIL K.   |  |   |         |              |          |                 | S                                  | AKSE       | NA               |                                      |          |                           |                 |
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| RAYMOND G.              |                                |             |             |    | LOVE         | Υ                      |            |            |         |          |
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| EDWIN                   |                                |             |             | JA | .0           |                        |            |            |         |          |
| Inventor's<br>Signature |                                |             |             | -  |              |                        |            | .a         | ate     |          |
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| FRANK                   |                                 |                |    | BE                    | NNET     | T        |                 |         |                 |          |          |  |  |
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| JINPING L.              |                                 |                |    |                       | MC (     | CO       | RMICK_          |         |                 |          |          |  |  |
| Inventor's<br>Signature | Date                            |                |    |                       |          |          |                 |         |                 |          |          |  |  |
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| HAIYAN                  |                                 |                |    | V                     | VANG     |          |                 |         |                 |          |          |  |  |
| inventor's<br>Signature |                                 |                |    |                       |          |          |                 |         |                 | Date     |          |  |  |
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| RUSSELL E.              |                               |        |     | PIK  | Œ         |                  |          |            |          |              |  |
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| STEPHANE L.             |                               |        |     |  | BOGEN     | N                |          |            |          |              |  |
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| TIN-YAU                 |                               |        |     | СН   | IAN       |                  |          |            |          |              |  |
| inventor's<br>Signature |                               |        |     |  |           |                  |          |            | ate      |              |  |
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| ZHAONING                | ZHU  |       |             |                       |           |                 |             |           |              |        |  |  |
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| F. GEORGE               |  |       |             | NG                    | OROG      | E               | -           |           |              |        |  |  |
| inventor's<br>Signature |  |       |             |                       |           |                 |             | Dat       | e            |        |  |  |
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| TEJAL  |  |       |       | P   | AREK      | Н               |          |            |         |       |
| Inventor's<br>Signature  | Date                                   |       |       |     |           |                 |          |            |         |       |
| Residence: City  | MOUNTAIN VIEW                          | State | CA    |     | Country   | USA             |          | Citize     | nship_  | INDIA |
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| ASHIT K.   |  |       |       | GA  | NGUI      | Y               |          |            |         |       |
| Inventor's<br>Signature  |  |       |       |     |           |                 |          | Da         | ite     |       |
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| KEVIN X.   |                                |   |    | СН                           | IEN                   |             |             |         | ·,          |         |  |  |
| inventor's<br>Signature                                      | . —                            |   |    |                              |                       |             |             |         | oate _      |         |  |  |
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| SRIKANTH   | VENKATRAMAN                    |   |    |                              |                       |             |             |         |             |         |  |  |
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| HENRY A.   |                                |   |    | V.                           | ACCAR                 | .0          |             |         |             |         |  |  |
| Inventor's<br>Signature                                      |                                | ,   | _, |                              |                       |             | . <u></u> . |         | Date        |         |  |  |
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| PATRICK A.   |  |                      |                  | PIN          | го        |                 |          |            |              |         |  |  |  |
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| SUSAN Y.   |   |            |                   | TAN               | ⁄/URA     | <u> </u>      |          |            |         |          |  |
| Inventor's<br>Signature                                      |   |            | · · · · · · · · · |                   |           |               |          |            | ate     |          |  |
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| SISKA                   | HENDRATA  |                            |             |                   |            |               |           |         |             |      |          |
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| YUHUA                   |   |                            |             | н                 | JANG       |               |           |         |             | .,   |          |
| inventor's<br>Signature |   |                            | <del></del> |                   |            | <b>_</b>      |           |         | Date        |      |          |
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| inventor's<br>Signature |                              |      |      |    |     |           |                 |            | Date       |         |             |
| Residence: City         | PARSIPPANY                   | Sta  | ate  | NJ |     | Country   | USA             |            | Citizens   | hip l   | J <b>SA</b> |
| Post Office Address     | 10 MAPLEWOOD I               | DRIV | Œ    |    |     |           |                 |            |            |         |             |
| Post Office Address     |                              |      |      |    |     |           |                 |            |            |         |             |
| City                    | PARSIPPANY                   | St   | ate  | NJ |     | ZIP       | 07054           | Countr     | y US       | A       |             |
| Name of Addition        | nal Joint Inventor, if ar    | ıy:  |      |    |     | A petitio | n has been file | ed for the | nis unsigr | ed inv  | entor       |
| Given Na                | me (first and middle [if any | ])   |      |    |     |           | Family Na       | me or      | Sumame     |         |             |
| RAYMOND G.              |                              |      |      |    |     | LOVE      | Υ               |            |            |         |             |
| Inventor's<br>Signature | Date                         |      |      |    |     |           |                 |            |            |         |             |
| Residence: City         | WEST CALDWELL                | St   | ate  | NJ |     | Country   | USA             |            | Citize     | nship   | USA         |
| Post Office Address     | 65 WOODSIDE AVI              | ENUI | E    |    |     |           |                 |            |            |         |             |
| Post Office Address     | ·                            |      |      |    |     |           |                 |            |            |         |             |
| City                    | WEST CALDWELL                | s    | tate | NJ |     | ZIP       | 07006           | Cou        | ntry (     | JSA     |             |
| Name of Addition        | nal Joint Inventor, if ar    | ıy:  |      |    |     | A petitio | on has been fil | ed for t   | his unsign | ned inv | entor       |
| Given Na                | me (first and middle [if any | 1)   |      |    |     |           | Family Na       | ame or     | Sumame     |         |             |
| EDWIN                   |                              |      |      |    | JA  | 0         |                 |            |            |         |             |
| inventor's<br>Signature |                              |      |      |    |     |           |                 |            | Da         | ite     |             |
| Residence: City         | WARREN                       | St   | ate  | NJ |     | Country   | USA             |            | Citize     | nship   | USA         |
| Post Office Address     | 20 CROSSWOOD V               | VAY  | -    |    |     |           |                 |            |            |         |             |
| Post Office Address     |                              |      |      |    |     |           |                 |            |            | ,       |             |
| City                    | WARREN                       | Sta  | te   | NJ |     | ZIP       | 07059           |            | Country    | USA     | Ą           |

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|                         |                               | _                |    |    |             |                  |          |            |         |         |
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| Name of Addition        | nal Joint Inventor, if an     | у:               |    |    | A petitio   | n has been file  | d for th | nis unsign | ed inve | entor   |
| Given Na                | me (first and middle [if any] | )                |    |    |             | Family Na        | ne or S  | Sumame     |         |         |
| FRANK                   |                               |                  |    | BE | NNET        |                  |          |            |         |         |
| inventor's<br>Signature |                               | ,                |    |    |             |                  |          | Date       |         |         |
| Residence: City         | PISCATAWAY                    | State            | NJ |    | Country     | USA              |          | Citizens   | hip S   | COTLAND |
| Post Office Address     | 419 DRACO ROAD                |                  |    |    | <del></del> |                  |          |            |         |         |
| Post Office Address     |                               | <del>-,</del> -, |    |    | ,           |                  |          |            |         |         |
| City                    | PISCATAWAY                    | State            | NJ |    | ZIP         | 08854            | Countr   | y US       | A       |         |
| Name of Addition        | nal Joint Inventor, if an     | y:               | _  |    | A petition  | on has been file | d for th | his unsigr | ned inv | entor   |
| Given Na                | me (first and middle [if any] | )                |    |    |             | Family Na        | me or    | Sumame     |         |         |
| ЛNPING L.               |                               |                  |    |    | MC C        | ORMICK_          |          |            |         |         |
| Inventor's<br>Signature |                               |                  |    |    |             | Da               | te       |            |         |         |
| Residence: City         | EDISON                        | State            | NJ |    | Country     | USA              |          | Citize     | nship   | USA     |
| Post Office Address     | 5 PAÇE DRIVE                  |                  |    |    |             |                  |          |            |         |         |
| Post Office Address     | ·                             |                  |    |    |             |                  |          |            |         |         |
| City                    | EDISON                        | State            | NJ |    | ZIP         | 08820            | Cou      | intry      | USA     |         |
| Name of Addition        | nal Joint Inventor, if an     | y:               |    |    | A petition  | on has been file | ed for t | his unsig  | ned inv | rentor  |
| Given Na                | me (first and middle [if any] | )                |    |    |             | Family Na        | me or    | Surname    |         |         |
| HAIYAN                  |                               |                  |    | W  | ANG         |                  |          |            |         |         |
| Inventor's<br>Signature |                               |                  |    |    |             |                  |          | D          | ate     |         |
| Residence: City         | CRANBURY                      | State            | NJ |    | Country     | USA              |          | Citize     | nship   | CHINA   |
| Post Office Address     | 5 CUBBERLY COUR               | T                |    |    |             |                  |          |            |         |         |
| Post Office Address     |                               |                  |    |    |             |                  |          |            |         |         |
| City                    | CRANBURY                      | State            | NJ |    | ZIP         | 08512            | T        | Country    | US      | A       |

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| Name of Addition        | onal Joint Inventor, if any: A petition has been filed for this un |        |     |     |           |                 |          | nis unsign | ed inve | entor        |
|-------------------------|--|--------|-----|-----|-----------|-----------------|----------|------------|---------|--------------|
| Given Na                | me (first and middle [if any                                       | 1)     |     |     |           | Family Na       | me or    | Sumame     |         |              |
| RUSSELL E.              |  |        |     | PIK | E         |                 |          |            |         |              |
| Inventor's<br>Signature |  |        |     |     |           |                 |          | Date       |         |              |
| Residence: City         | STANHOPE   | State  | NJ  |     | Country   | USA             |          | Citizens   | nip U   | JSA          |
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| Given Na                | me (first and middle [if any                                       | 1)     |     |     |           | Family Na       | me or    | Sumame     |         |              |
| STEPHANE L.             |  |        |     | I   | BOGEN     | 1               |          |            |         |              |
| Inventor's<br>Signature |  |        |     |     |           |                 |          | Da         | te      |              |
| Residence: City         | SOMERSET   | State  | NJ  |     | Country   | USA             |          | Citize     | nship   | FRANCE       |
| Post Office Address     | 13 DAḤLIA ROAD   |        |     |     |           |                 |          |            |         |              |
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| TIN-YAU                 |  |        |     | CH  | AN        |                 |          |            |         |              |
| inventor's<br>Signature |  |        |     |     |           |                 |          | Di         | ite     |              |
| Residence: City         | EDISON   | State  | NJ  |     | Country   | USA             |          | Citize     | nship   | HONG<br>KONG |
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#### ADDITIONAL INVENTOR(S) Supplemental Sheet Page 4 of

| Name of Addition        | nal Joint Inventor, if a      | ıy:     |             |                       | A petitio | on has been file | ed for the | nis unsigr | ned inv | entor    |
|-------------------------|-------------------------------|---------|-------------|-----------------------|-----------|------------------|------------|------------|---------|----------|
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| YI-TSUNG                |                               |         |             | LIU                   | J         |                  |            |            |         |          |
| Inventor's<br>Signature |                               |         |             |                       |           |                  |            | Date       |         |          |
| Residence: City         | MORRIS TOWNSHI                | P State | NJ          |                       | Country   | USA              |            | Citizens   | hip (   | CHINA    |
| Post Office Address     | 34 ALEXANDRIA R               |         | <del></del> |                       |           |                  |            |            |         |          |
| Post Office Address     |                               |         |             |                       |           |                  |            |            |         |          |
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| ZHAONING                |                               |         |             |                       | ZHU       |                  |            |            |         |          |
| Inventor's<br>Signature | Date                          |         |             |                       |           |                  | te         |            |         |          |
| Residence: City         | EAST WINDSOR                  | State   | NJ          |                       | Country   | USA              |            | Citize     |         | CHINA    |
| Post Office Address     | 34 STONEHEDGE                 | DRIVE   |             |                       |           |                  |            |            | -       |          |
| Post Office Address     | •                             |         |             |                       |           |                  |            |            |         |          |
| City                    | EAST WINDSOR                  | State   | NJ          |                       | ZIP       | 08520            | Cou        | ntry [     | JSA     |          |
| Name of Addition        | nal Joint Inventor, if an     | ıy:     |             |                       | A petitio | n has been file  | ed for t   | his unsigr | ned inv | entor    |
| Given Nar               | me (first and middle [if any] | ])      |             |                       |           | Family Na        | me or      | Sumame     |         |          |
| F. GEORGE               |                               |         |             | NG                    | OROG      | E                |            |            |         |          |
| inventor's<br>Signature |                               |         |             |                       |           |                  |            | Da         | te      |          |
| Residence: City         | WARREN                        | State   | NJ          |                       | Country   | USA              |            | Citize     | nship   | KENYA    |
| Post Office Address     | 11 SOFTWOOD WA                | Y       |             |                       |           |                  |            |            |         |          |
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|-------------------------|-------------------------------|--------|-------|----|------------|-----------------|------------|-----------|---------|---------|
| Given Na                | me (first and middle [if any  | D      |       |    |            | Family Na       | ame or S   | Sumame    |         |         |
| ASHOK                   |                               |        |       | AF | RASAPI     | PAN             |            |           |         |         |
| Inventor's<br>Signature |                               | ·      |       |    |            |                 |            | Date      |         |         |
| Residence: City         | BRIDGEWATER                   | State  | NJ    |    | Country    | USA             |            | Citizens  | hip     | INDIA   |
| Post Office Address     | 18LARSEN COURT                |        |       |    |            |                 |            |           |         |         |
| Post Office Address     |                               |        |       |    |            |                 |            |           |         |         |
| City                    | BRIDGEWATER                   | State  | NJ    |    | ZIP (      | 08807           | Country    | US        | SA      |         |
| Name of Addition        | nal Joint Inventor, if ar     | ıy:    |       |    | A petitio  | n has been fil  | ed for thi | is unsigr | ned inv | /entor  |
| Given Na                | me (first and middle [if any  | ])     |       | T  |            | Family Na       | me or S    | umame     |         |         |
| TEJAL                   |                               |        |       |    | PAREK      | CH .            |            |           |         |         |
| Inventor's<br>Signature |                               |        |       |    |            |                 |            | Da        | te      |         |
| Residence: City         | MOUNTAIN VIEW                 | State  | CA    |    | Country    | USA             |            | Citize    | nship   | INDIA   |
| Post Office Address     | 1885 EDNAMARY W               | /AY, U | NIT C |    |            |                 |            |           |         |         |
| Post Office Address     | ٠                             |        |       | _  |            |                 |            |           |         |         |
| City                    | MOUNTAIN VIEW                 | State  | CA    | -  | ZIP        | 94040           | Coun       | try       | USA     |         |
| Name of Additior        | nal Joint Inventor, if an     | y:     |       |    | A petitio  | n has been fil  | ed for thi | is unsigr | ned inv | entor/  |
| Given Nar               | me (first and middle [if any] | )      |       |    |            | Family Na       | ame or S   | iumame    |         |         |
| ASHIT K.                |                               |        |       | G/ | ANGUL      | .Y              |            |           |         |         |
| Inventor's<br>Signature | Ashir le.                     | R      | mone  | 8  |            |                 |            | Da        | te      | 6/16/01 |
| Residence: City         | UPPER MONTCLAIR               | State  | NJ    |    | Country    | USA             |            | Citize    | nship   | USA     |
| Post Office Address     | 96 COOPER AVENU               | JE     |       |    |            |                 |            |           |         |         |
| Post Office Address     |                               |        |       |    |            |                 |            |           |         |         |
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| Given Nar               | me (first and middle [if any])     |            |    |                       |              |       | Family Nam    | e or S  | Sumame   | )        |        |
| KEVIN X.                |                                    |            |    | СН                    | EN           |       |               |         |          |          |        |
| Inventor's<br>Signature |                                    |            |    |                       |              |       |               |         | Date     | 9        |        |
| Residence: City         | ISELIN                             | State      | NJ |                       | Country      | US    | SA            |         | Citizen  | ship 1   | JSA    |
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| Post Office Address     |                                    | ,          |    |                       | <del>,</del> |       |               |         |          |          |        |
| City                    | ISELIN                             | State      | NJ |                       | ZIP          | 088   | 30            | Countr  | y U      | SA       |        |
| Name of Addition        | nal Joint Inventor, if any         | <b>/</b> : |    |                       | A petition   | on ha | as been filed | for th  | is unsig | ned inv  | entor  |
| Given Nar               | me (first and middle [if any])     |            |    | Family Name or Sumame |              |       |               |         |          |          |        |
| SRIKANTH                |                                    |            |    |                       | VENK         | ATF   | RAMAN         |         |          |          |        |
| Inventor's<br>Signature |                                    |            |    |                       |              |       |               | ate     |          |          |        |
| Residence: City         | FORDS                              | State      | NJ |                       | Country      | ,   τ | JSA           |         | Citiz    | enship   | INDIA  |
| Post Office Address     | 6 TULIP DRIVE, #3H                 | [          |    |                       |              |       |               |         |          | ···      |        |
| Post Office Address     | ٠                                  |            |    |                       |              |       |               |         |          |          |        |
| City                    | FORDS                              | State      | NJ |                       | ZIP          | 0     | 8863          | Cou     | ntry     | USA      |        |
| Name of Addition        | nal Joint Inventor, if an          | y:         |    |                       | ] A petiti   | ion h | as been file  | d for t | his unsi | gned in  | ventor |
| Given Na                | me (first and middle [if any])     |            |    |                       |              |       | Family Nar    | ne or   | Surnam   | ie       |        |
| HENRY A.                |                                    |            |    | V.                    | ACCAF        | RO    |               |         |          |          |        |
| Inventor's<br>Signature |                                    |            |    |                       |              |       |               |         |          | Date     |        |
| Residence: City         | SOUTH PLAINFIELD                   | State      | NJ |                       | Country      | ט ע   | JSA           |         | Citi     | zenship  | USA    |
| Post Office Address     | 123 SOMERSET AVE                   | ENUE       |    |                       |              |       |               |         |          |          |        |
| Post Office Address     |                                    |            |    |                       |              |       |               |         |          |          |        |
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| Name of Addition        | nal Joint Inventor, if an      | y:        |              | A petition has been filed for this unsigned inventor |           |                |          |             |        | ntor  |
|-------------------------|--------------------------------|-----------|--------------|--|-----------|----------------|----------|-------------|--------|-------|
| Given Na                | me (first and middle [if any]) | )         |              |  |           | Family Na      | me or    | Sumame      |        |       |
| PATRICK A.              |                                | , <b></b> |              | PINT   | О         |                |          |             |        |       |
| inventor's<br>Signature |                                |           |              |  |           |                |          | Date        |        |       |
| Residence: City         | MORRIS PLAINS                  | State     | NJ           | c  | ountry    | USA            |          | Citizensh   | ip (   | JSA   |
| Post Office Address     | 34 BATTLE RIDGE                | ROAD      | _            |  |           | ····           |          |             |        |       |
| Post Office Address     |                                |           |              |  |           |                |          |             |        |       |
| City                    | MORRIS PLAINS                  | State     | NJ           |  | ZIP (     | 07950          | Count    | us US       | Ą      |       |
| Name of Addition        | nal Joint Inventor, if an      | y:        |              |  | A petitio | n has been fil | ed for t | this unsign | ed inv | entor |
| Given Na                | me (first and middle [if any]  | )         |              |  |           | Family Na      | me or    | Sumame      |        | _     |
| BAMA                    |                                |           |              | s  | ANTE      | IANAN          |          |             |        |       |
| Inventor's<br>Signature | Date                           |           |              |  |           |                |          |             |        |       |
| Residence: City         | BRIDGEWATER                    | State     | NJ           | c  | ountry    | USA            |          | Citizer     | ship   | INDIA |
| Post Office Address     | 10 SOMERSET AVE                | ENUE      |              |  |           |                |          |             |        |       |
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| City                    | BRIDGEWATER                    | State     | NJ           |  | ZIP       | 08807          | Co       | untry [     | JSA    |       |
| Name of Addition        | nal Joint Inventor, if an      | ıy:       |              |  | A petitic | n has been fil | led for  | this unsigr | ed inv | entor |
| Given Na                | me (first and middle [if any]  | 1)        |              |  |           | Family N       | ame or   | Surname     |        |       |
| SCOTT JEFFREY           | Z                              |           |              | KEM  | ſΡ        |                |          |             |        |       |
| Inventor's<br>Signature |                                |           |              |  |           | ·              |          | Da          | te     |       |
| Residence: City         | SAN DIEGO                      | State     | CA           |  | Country   | USA            |          | Citize      | nship  | USA   |
| Post Office Address     | 7873 AVENIDA NAV               | IDAD #    | <b>#26</b> 3 |  |           |                |          |             |        |       |
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| City                    | SAN DIEGO                      | State     | CA           |  | ZIP       | 92130          |          | Country     | USA    | A     |

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| Name of Addition        | nal Joint Inventor, if an     | y:    |     |     | A petitio | n has been file | ed for ti | nis unsig | ned inv   | entor    |
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| ODILE ESTHER            | <u> </u>                      |       |     | LEV | Υ         |                 |           |           |           |          |
| inventor's<br>Signature |                               |       |     |     |           |                 |           | Dat       | e         |          |
| Residence: City         | SAN DIEGO                     | State | CA  | c   | ountry    | USA             |           | Citizer   | ship (    | JSA      |
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| City                    | SAN DIEGO                     | State | NJ  |     | ZIP       | 92130           | Count     | ry U      | SA        |          |
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| Inventor's<br>Signature | Date                          |       |     |     |           |                 |           |           |           |          |
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| SUSAN Y.                |                               |       |     | TAI | MURA      |                 |           |           |           |          |
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| Application Number     | /              |
| Filing Date            | July 19, 2001  |
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| the specification of which  | (Title   | e of the Invention)                                  |  |  |  |  |  |  |  |
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| VIYYOOR MO              | OPIL GIRIJAVALLABHAN   |       |    |    |            |               |           |            |          |        |
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| RAYMOND G.              | LOVEY  |       |    |    |            |               |           |            |          |        |
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| EDWIN                   |  |       |    | JA | 0          |               |           |            |          |        |
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| Name of Addition   | nal Joint Inventor, if any     | <b>y</b> : |              | <b>□</b> ^ | petition  | has been filed | d for this  | unsigne     | d inve   | ntor   |
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| FRANK  |                                |            |              | BENI       | NETT      |                |             |             |          |        |
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| JINPING L. MC CORMICK  |                                |            |              |            |           |                |             |             |          |        |
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| HAIYAN   |                                |            |              | WA         | NG        |                |             | <del></del> |          |        |
| Inventor's<br>Signature  |                                |            |              | <u>1</u>   |           | 1              |             | Da          | te       |        |
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Page 3 of 9

| Name of Addition   | nal Joint Inventor, if any     | y:       |     |             | A petition | n has been file | d for th | nis unsigne | ed inve     | entor        |
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| Given Nar  | ne (first and middle [if any]) |          |     |             |            | Family Na       | me or s  | Surname     |             |              |
| RUSSELL E.   |                                |          |     | PIKI        | Е          |                 |          |             | <del></del> |              |
| Inventor's<br>Signature  |                                |          |     |             |            |                 |          | Date        |             |              |
| Residence: City  | STANHOPE                       | State    | NJ  |             | ountry     | USA             |          | Citizensh   | ip U        | JSA          |
| Post Office Address  | RD #1, 31 FLORENC              | E STR    | EET |             |            |                 |          |             |             |              |
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| City   | STANHOPE                       | State    | NJ  |             | ZIP        | 07874           | Count    | ry US       | A           |              |
| Name of Additional Joint Inventor, if any:  A petition has been filed for this unsigned inventor |                                |          |     |             |            |                 | entor    |             |             |              |
| Given Na   | me (first and middle [if any]) | )        |     |             |            | Family Na       | me or    | Surname     |             |              |
| STEPHANE L. BOGEN  |                                |          |     |             |            |                 |          |             |             |              |
| Inventor's<br>Signature  |                                |          |     |             |            |                 |          | Dat         | te          |              |
| Residence: City  | SOMERSET                       | State    | NJ  |             | Country    | USA             |          | Citizer     | ship        | FRANCE       |
| Post Office Address  | 13 DAHLIA ROAD                 |          |     | •           |            |                 |          |             |             |              |
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| Given Na   | me (first and middle [if any]  | )        |     |             |            | Family N        | ame or   | Surname     |             |              |
| TIN-YAU  |                                |          |     | CH.         | AN         |                 |          |             |             | <b>,</b>     |
| inventor's<br>Signature  |                                | <b>T</b> |     | <del></del> |            | T               |          | Da          | te          |              |
| Residence: City  | EDISON                         | State    | NJ  |             | Country    | USA             |          | Citize      | nship       | HONG<br>KONG |
| Post Office Address  | 26 BARLOW ROAD                 |          |     |             |            |                 | •=       |             |             |              |
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|--|--|-------|----|-----|-----------|-----------------|-----------|-----------|---------|--------|
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| YI-TSUNG   |  |       |    | LIU | J         |                 |           |           |         |        |
| Inventor's<br>Signature                                      |  | Date  |    |     |           |                 |           |           |         |        |
| Residence: City  | MORRIS TOWNSHII                            | State | NJ |     | Country   | USA             |           | Citizen   | ship    | CHINA  |
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| ZHAONING   | ZHAONING ZHU                               |       |    |     |           |                 |           |           |         |        |
| Inventor's<br>Signature                                      | Date                                       |       |    |     |           |                 |           |           |         |        |
| Residence: City  | EAST WINDSOR                               | State | NJ |     | Country   | USA             |           | Citize    | enship  | CHINA  |
| Post Office Address  | 34 STONEHEDGE                              | DRIVE |    |     |           |                 |           |           |         |        |
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| F. GEORGE  |  |       |    | NG  | OROG      | E               |           |           |         |        |
| Inventor's<br>Signature                                      |  |       |    |     |           |                 |           | 0         | ate     |        |
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| Post Office Address  | 11 SOFTWOOD WA                             | Y     |    |     |           |                 |           |           |         |        |
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| Given Na                                   | Given Name (first and middle [if any])                        |        |       |     |           |                                       | me or    | Sumame     |         |          |
| ASHOK                                      |   |        |       | ARA | ASAPF     | AN                                    |          |            |         |          |
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| TEJAL PAREKH                               |   |        |       |     |           |                                       |          |            |         |          |
| Inventor's<br>Signature                    |   | Ipari  | ns.   |     |           |                                       |          | Da         | te      | 6/4/2001 |
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| ASHIT K.                                   |   |        |       | GA  | NGUI      | LY                                    |          |            |         |          |
| Inventor's<br>Signature                    |   |        |       |     |           | · · · · · · · · · · · · · · · · · · · |          | Da         | ite     |          |
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| KEVIN X.                |   |                                       |    | CHE | N         |                  |            |              | <del></del> |       |
| Inventor's<br>Signature |   |                                       |    |     |           |                  |            | Date         |             |       |
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| SRIKANTH                |   |                                       |    | V   | ENK.      | ATRAMAN          |            |              |             |       |
| Inventor's<br>Signature |   |                                       |    |     |           |                  |            | Dat          | te          |       |
| Residence: City         | FORDS   | State                                 | NJ |     | ountry    | USA              |            | Citizer      | ship        | INDIA |
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| HENRY A.                |   |                                       |    | VA  | CCAR      | 0                |            | <del>,</del> |             |       |
| inventor's<br>Signature |   | · · · · · · · · · · · · · · · · · · · |    |     |           |                  |            | Da           | ite         |       |
| Residence: City         | SOUTH PLAINFIELD  | State                                 | NJ |     | Country   | USA              |            | Citize       | nship       | USA   |
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| PATRICK A.              |                                |         |      | PIN | то                    |                  |           |            |         |                                     |
| Inventor's<br>Signature |                                |         |      |     |                       |                  |           | Date       |         |                                     |
| Residence: City         | MORRIS PLAINS                  | State   | NJ   |     | Country               | USA              |           | Citizens   | nip (   | JSA                                 |
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| BAMA                    |                                |         |      | S   | SANTE                 | IANAN            |           |            |         |                                     |
| Inventor's<br>Signature |                                |         |      |     |                       |                  |           | Da         | te      |                                     |
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| Name of Addition        | nal Joint Inventor, if an      | ıy:     |      |     | A petitio             | n has been file  | d for th  | nis unsigr | ned inv | entor                               |
| Given Nar               | me (first and middle [if any   | 1)      |      |     |                       | Family Na        | ne or S   | Surname    |         |                                     |
| SCOTT JEFFREY           | 7                              |         |      | KEN | ЛP                    |                  |           |            |         |                                     |
| Inventor's<br>Signature |                                |         |      |     |                       |                  |           | Da         | ite     |                                     |
| Residence: City         | SAN DIEGO                      | State   | CA   |     | Country               | USA              |           | Citize     | nship   | USA                                 |
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| Name of Addition        | Name of Additional Joint Inventor, If any:             |       |    |     |                                       | entor           |          |            |         |          |
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| ODILE ESTHER            |  |       |    | LEV | ΥY                                    |                 |          |            |         |          |
| Inventor's<br>Signature |  |       |    |     |                                       |                 |          | Date       |         |          |
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| MARGUERITA              | A LIM-WILBY  |       |    |     |                                       |                 |          |            |         |          |
| Inventor's<br>Signature |  |       |    |     |                                       |                 |          | Da         | te      |          |
| Residence: City         | LA JOLLA   | State | CA |     | Country                               | USA             |          | Citize     | nship   | MALAYSIA |
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| Given Na                | me (first and middle [if any]                          | )     |    |     |                                       | Family Na       | ame or   | Surname    |         |          |
| SUSAN Y.                |  |       |    | TAN | MURA                                  | <u> </u>        |          | ,          |         |          |
| inventor's<br>Signature |  |       |    | 1   |                                       | ,               |          | Da         | ite     |          |
| Residence: City         | SANTA FE   | State | NM |     | Country                               | USA             |          | Citize     | nship   | USA      |
| Post Office Address     | 2213 CALLE CACIÇ                                       | QUE   |    |     |                                       |                 |          |            |         |          |
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| YUHUA                   |   |        |    | HU | ANG       |                  |            |            |         |          |
| Inventor's<br>Signature |   |        |    |    |           |                  |            | Da         | te      |          |
| Residence: City         | SCOTCH PLAINS   | State  | NJ |    | Country   | USA              |            | Citize     | nship   | CHINA    |
| Post Office Address     | 61 SPRUCE MILL LA   | ANE    |    |    |           |                  |            |            |         |          |
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| Attorney Docket Number |       | IN01159K       |   |  |  |
|------------------------|-------|----------------|---|--|--|
| First Named Inventor   |       | SAKSENA, et al |   |  |  |
| COMPLE                 | TE IF | KNOWN          |   |  |  |
| Application Number     |       |                |   |  |  |
| Filing Date            | Jul   | y 19, 2001     | _ |  |  |
| Group Art Unit         | То    | Be Assigned    |   |  |  |
| Examiner Name          | to    | Be Assigned    |   |  |  |

| As a below named inve   | ntor, I hereby declare that:                                       |   |                         |   |  |  |
|---|--|---|-------------------------|---|--|--|
| My residence, post office   | address, and citizenship are                                       | as stated below next to m                                 | y name.                 |   |  |  |
| I believe I am the original<br>names are listed below) o  | , first and sole inventor (if onl<br>f the subject matter which is | ly one name is listed below<br>claimed and for which a pa | r) or an original, f    | irst and joint inventor (if plural  |  |  |
|   | L PEPTIDES AS NS3  |   |                         |   |  |  |
|   |  | TIS C VIRUS   |                         | IORB  |  |  |
| the specification of which is attached hereto   | ( 1 30)  | le of the Invention)                                      |                         |   |  |  |
| OR was filed on (MM/I   | DD/YYY)  | as Unite  | ed States Applica       | tion Number or PCT International  |  |  |
| Application Number  | and w  | as amended on (MM/DD/)                                    | m [                     | (if applicable).  |  |  |
| I hereby state that I have ramended by any amendment  | eviewed and understand the ent specifically referred to abo        | contents of the above ider                                | tified specification    |   |  |  |
| I acknowledge the duty to   | disclose information which is                                      | material to patentability as                              | defined in 37 CF        | FR 1.56.  |  |  |
| I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed. |  |   |                         |   |  |  |
| Prior Foreign Application<br>Number(s)  | Country  | Foreign Filing Date<br>(MM/DD/YYYY)                       | Priority<br>Not Claimed | Certified Copy Attached? YES NO   |  |  |
|   |  |   | 0000                    | 0000  |  |  |
| Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:   |  |   |                         |   |  |  |
| I hereby claim the benefit u  | inder 35 U.S.C. 119(e) of an                                       | y United States provisional                               | application(s) lis      | ted below   |  |  |
| Application Number  |  | (MM/DD/YYYY)  |                         |   |  |  |
|   |  |   | numbe<br>supple         | onal provisional application<br>ers are listed on a<br>emental priority data sheet<br>SB/02B attached hereto. |  |  |
|   |  |   |                         |   |  |  |

[Page 1 of 2]

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| United States  | or PCT to               | efit under 35 U.S<br>ica, listed below<br>nternational appi<br>aterial to patenta<br>T international fili | ilcation in         | the mai  | nner pro<br>inner pro  | yect matter<br>ovided by the<br>CFR 1.56 w | r of ea | icu of fue                     | claims of th     | us applica        | ition is   | not disclosed | I in the prior   |
|--|-------------------------|---|---------------------|----------|------------------------|--|---------|--------------------------------|------------------|-------------------|------------|---------------|------------------|
| U.   | .S. Par                 | ent Applicat  |                     | PCT F    | Parent                 | t  |         |                                | ing Date         |                   |            | ent Patent I  |                  |
|  |                         | Num   | per                 |          |                        |  | (       | /YYYY)                         |                  | (if applicable)   |            |               |                  |
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|  |                         | PCT internations  |                     |          |                        |  |         |                                |                  |                   |            |               |                  |
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| Additional r   | registere               | d practitioner(s)   | named o             | n supple | emental                | Registere                                  | d Prac  | titioner Int                   | formation she    | et PTO/S          | B/020      | attached here | eto.             |
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| Name of Sc   | le or F                 | irst Invento  | r:                  |          |                        |  |         | A petition                     | has been         | filed for         | this u     | nsigned inve  | ntor             |
| Giv  | ven Nar                 | ne (first and m   | iddle [if           | any])    |                        |  |         |                                | Family           | Name o            | or Sur     | name          |                  |
| ANIL K.  |                         |   |                     |          |                        |  | S       | AKSEN                          |                  |                   |            |               |                  |
| Inventor's<br>Signature  |                         |   |                     |          |                        |  |         |                                |                  |                   |            | Date          |                  |
| Residence: C   | ity                     | UPPER MO  | NTCL                | AIR .    | State                  | NJ   | C       | ountry                         | USA              |                   |            | Citizenship   | USA              |
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| Additional i   | invento                 | rs are being na   | amed or             | the _    | 7_sup                  | plementa                                   | l Add   | itional in                     | ventor(s) s      | heet(s) I         | PTO/S      | SB/02A attac  | hed hereto       |

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|--|------------------------------|--------------------|------|-----|------------------------|------------------|-----------|------------|---------|--------|--|
| Given Na   | me (first and middle [if any | /])                |      |     | Family Name or Surname |                  |           |            |         |        |  |
| VIYYOOR MO   | OPIL                         |                    | -    | GIF | GIRIJAVALLABHAN        |                  |           |            |         |        |  |
| Inventor's<br>Signature  |                              |                    |      |     | Date                   |                  |           |            |         |        |  |
| Residence: City  | PARSIPPANY                   | State              | NJ   |     | Country                | USA              |           | Citizens   |         | USA    |  |
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| Post Office Address  |                              |                    |      |     |                        |                  |           |            |         |        |  |
| City   | PARSIPPANY                   | State              | NJ   |     | ZiP                    | 07054            | Countr    | y US       | SA      |        |  |
| Name of Additional Joint Inventor, if any:  A petition has been filed for this unsigned inventor |                              |                    |      |     |                        |                  |           |            |         |        |  |
| Given Name (first and middle [if any])   |                              |                    |      |     |                        | Family Na        |           |            |         |        |  |
| RAYMOND G.   |                              |                    |      |     | LOVE                   |                  |           |            |         |        |  |
| Inventor's<br>Signature  |                              |                    |      |     |                        | Da               | ite       |            |         |        |  |
| Residence: City  | WEST CALDWELL                | State              | NJ   |     | Country                | USA              |           | Citize     |         | USA    |  |
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| Post Office Address  | ٠                            |                    |      |     |                        |                  |           |            |         |        |  |
| City   | WEST CALDWELL                | State              | NJ   |     | ZIP                    | 07006            | Cour      | ntry [     | JSA     |        |  |
| Name of Addition   | nal Joint Inventor, if ar    | ıy:                |      |     | A petitic              | on has been file | ed for th | nis unsigr | ned inv | entor  |  |
| Given Nar  | me (first and middle [if any | 1)                 |      |     | Family Name or Surname |                  |           |            |         |        |  |
| EDWIN  |                              |                    |      | JAC | )                      |                  |           |            |         |        |  |
| Inventor's<br>Signature  |                              | · · · · · ·        | ···· |     |                        |                  |           | Da         | te      |        |  |
| Residence: City  | WARREN                       | State              | NJ   |     | Country                | USA              |           | Citize     | nship   | USA    |  |
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|--|------------------------------|-------|-----|------------------------|-----------|-----------------|-----------|----------|----------|---------|
| Given Na   | me (first and middle [if any | y])   |     | Family Name or Sumame  |           |                 |           |          |          |         |
| FRANK  |                              |       |     | BE                     | BENNETT   |                 |           |          |          |         |
| Inventor's<br>Signature  |                              | ···   |     |                        |           |                 |           |          |          |         |
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| City   | PISCATAWAY                   | State | NJ  |                        | ZIP       | 08854           | Country   | , US     | SA       |         |
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| Given Name (first and middle [if any])   |                              |       |     |                        |           | Family Na       | me or S   | umame    | )        |         |
| JINPING L.   |                              |       |     |                        | MC CO     | DRMICK          |           |          |          |         |
| Inventor's<br>Signature  |                              |       |     |                        |           |                 |           | Da       | ite      |         |
| Residence: City  | EDISON                       | State | NJ  |                        | Country   | USA             |           | Citize   | nship    | USA     |
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| Given Nar  | me (first and middle [if any | 1)    |     | Family Name or Surname |           |                 |           |          |          |         |
| HAIYAN   |                              |       |     | WA                     | NG        |                 |           |          |          |         |
| Inventor's<br>Signature  | - beingn                     |       | W.~ | ≥<                     |           |                 |           | Da       | ite      | 6/13/22 |
| Residence: City  | CRANBURY                     | State | NJ  |                        | ountry    | USA             |           | Citize   | nship    | CHINA   |
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|--|------------------------------|-------|--------------|--|-----------|---------------------------------------|-----------|----------|----------|--------------|--|
| Name of Additio                            | nal Joint Inventor, if a     | any:  |              | A petition has been filed for this unsigned inventor |           |                                       |           |          |          |              |  |
| Given Na                                   | ame (first and middle [if ar | ıy])  |              | Family Name or Surname                               |           |                                       |           |          |          |              |  |
| RUSSELL E.                                 |                              |       |              | PIKE   |           |                                       |           |          |          |              |  |
| Inventor's<br>Signature                    |                              |       |              |  |           |                                       |           |          |          |              |  |
| Signature                                  |                              | 7     | <del>-</del> |  |           | · · · · · · · · · · · · · · · · · · · |           | Date     | <u> </u> |              |  |
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| Given Name (first and middle [if any])     |                              |       |              |  |           | Family Na                             |           |          |          |              |  |
| STEPHANE L.                                |                              |       |              |  | BOGE      |                                       |           |          |          |              |  |
| Inventor's<br>Signature                    |                              |       |              |  |           |                                       | Da        |          |          |              |  |
| Residence: City                            | SOMERSET                     | State | NJ           |  | Country   | USA                                   |           | Citize   |          | FRANCE       |  |
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| Given Na                                   | me (first and middle [if an  | y])   |              | Family Name or Surname                               |           |                                       |           |          |          |              |  |
| TIN-YAU                                    |                              |       |              | СН   | AN        |                                       |           |          |          |              |  |
| inventor's<br>Signature                    |                              |       |              |  |           |                                       |           | Da       | te       |              |  |
| Residence: City                            | EDISON                       | State | NJ           |  | Country   | USA                                   |           | Citize   | nship    | HONG<br>KONG |  |
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| YI-TSUNG                                   |                              |  |       |             | LII | J                      |                 |          |           |        |        |  |
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| Name of Additional Joint Inventor, if any: |                              |  |       |             |     |                        | on has been fi  | ed for t | his unsig | ned in | ventor |  |
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| ZHAONING                                   |                              |  |       |             |     | ZHU                    |                 |          |           |        |        |  |
| Inventor's<br>Signature                    |                              |  |       |             |     | 0                      | ate             |          |           |        |        |  |
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| F. GEORGE                                  |                              |  |       |             | NG  | OROG                   | E               |          |           |        |        |  |
| Inventor's<br>Signature                    |                              | _  |       | <del></del> |     |                        |                 |          | D         | ate    |        |  |
| Residence: City                            | WARREN                       | L  | State | NJ          |     | Country                | USA             |          | Citizo    | enship | KENYA  |  |
| Post Office Address                        | 11 SOFTWOOD WA               | Y  |       |             |     |                        |                 |          |           |        |        |  |
| Post Office Address                        |                              |  |       |             |     |                        |                 |          |           |        |        |  |
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| Given Nar  | me (first and middle [if any] | )        |             |  | Family Name or Sumame |                 |          |            |         |       |
| ASHOK  |                               |          |             | AR   | ASAPP                 | AN              |          |            |         |       |
| Inventor's<br>Signature  |                               |          |             |  |                       |                 |          |            |         |       |
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| Post Office Address  | 18LARSEN COURT                |          |             |  |                       |                 |          |            |         |       |
| Post Office Address  | 8                             |          |             |  |                       |                 |          |            |         |       |
| City   | BRIDGEWATER                   | State    | NJ          |  | ZIP (                 | 8807            | Count    | y US       | SA      |       |
| Name of Additional Joint Inventor, if any:  A petition has been filed for this unsigned inventor |                               |          |             |  |                       |                 |          | entor      |         |       |
| Given Na   | me (first and middle [if any] | )        |             |  |                       | Family Na       | me or    | Sumame     |         |       |
| TEJAL  |                               |          |             |  | PAREK                 | Н               |          |            |         |       |
| Inventor's<br>Signature  |                               |          |             |  |                       | Da              | te       |            |         |       |
| Residence: City  | MOUNTAIN VIEW                 | State    | CA          |  | Country               | USA             |          | Citize     | nship   | INDIA |
| Post Office Address  | 1885 EDNAMARY W               | AY, UI   | NIT C       |  |                       |                 |          |            |         |       |
| Post Office Address  | -                             |          | ,           |  |                       |                 |          |            |         |       |
| City   | MOUNTAIN VIEW                 | State    | CA          |  | ZIP                   | 94040           | Cou      | intry      | USA     |       |
| Name of Addition   | nal Joint Inventor, if an     | ıy:      |             |  | A petitio             | n has been file | ed for t | his unsigi | ned inv | entor |
| Given Na   | me (first and middle [if any  | ])       |             |  |                       | Family Na       | me or    | Surname    |         |       |
| ASHIT K.   |                               |          |             | GA   | NGUL                  | Y               |          |            |         |       |
| Inventor's<br>Signature  |                               | <b>_</b> | <del></del> |  |                       | ,               |          | Da         | ite     |       |
| Residence: City  | UPPER MONTCLAIR               | State    | NJ          |  | Country               | USA             |          | Citize     | nship   | USA   |
| Post Office Address  | 96 COOPER AVENU               | JE       |             |  |                       |                 |          |            |         |       |
| Post Office Address  |                               |          |             |  |                       |                 |          |            |         |       |
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| Name of Addition                       | nal Joint Inventor, if any     | y:   |             |                       | A petitio | n has been file | ed for t | his unsigr | ed inv | entor  |  |
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| KEVIN X.                               |                                |  |             | CHEN                  |           |                 |          |            |        |        |  |
| Inventor's<br>Signature                |                                |  |             |                       |           |                 |          | Date       |        |        |  |
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| SRIKANTH                               |                                |  |             |                       | /ENK      | ATRAMAN         |          |            |        |        |  |
| Inventor's<br>Signature                |                                |  |             |                       |           | D               | ıte      |            |        |        |  |
| Residence: City                        | FORDS                          | State  | NJ          | ,                     | Country   | USA             |          |            | nship  | INDIA  |  |
| Post Office Address                    | 6 TULIP DRIVE, #3F             | I  |             |                       |           |                 |          |            |        |        |  |
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| HENRY A.                               |                                |  |             | VA                    | CCAR      | 0               |          |            |        |        |  |
| Inventor's<br>Signature                |                                |  | <del></del> |                       |           |                 |          |            | ate    |        |  |
| Residence: City                        | SOUTH PLAINFIELD               | State  | NJ          |                       | Country   | USA             |          | Citiz      | enship | USA    |  |
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| Given Na                                   | me (first and middle [if an  | y])  |       |      | Family Name or Sumame |            |                 |           |           |               |        |
| PATRICK A.                                 | -                            |      |       |      | PII                   | OTV        |                 |           |           |               |        |
| Inventor's<br>Signature                    |                              |      |       |      | Date                  |            |                 |           |           |               |        |
| Residence: City                            | MORRIS PLAINS                | s    | tate  | NJ   |                       | Country    | USA             |           | Citizen   | ship          | USA    |
| Post Office Address                        | 34 BATTLE RIDGE ROAD         |      |       |      |                       |            |                 |           |           |               |        |
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| Given Name (first and middle [if any])     |                              |      |       |      | Family Name or Sumame |            |                 |           |           |               |        |
| ВАМА                                       |                              |      |       |      |                       | SANTI      | IANAN           |           |           |               |        |
| Inventor's<br>Signature                    |                              |      |       |      |                       | D          | ate             |           |           |               |        |
| Residence: City                            | BRIDGEWATER State NJ         |      |       |      |                       | Country    | USA             |           | Citize    | enship        | INDIA  |
| Post Office Address                        | 10 SOMERSET AV               | ENU  | JΈ    |      |                       |            |                 |           |           |               |        |
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| City                                       | BRIDGEWATER                  | s    | State | NJ   |                       | ZIP        | 08807           | Cou       | ntry      | USA           |        |
| Name of Addition                           | nal Joint Inventor, if a     | ny:  |       |      |                       | A petitio  | n has been file | ed for th | nis unsig | ned inv       | entor  |
| Given Nar                                  | me (first and middle [if any | /])  |       |      |                       |            | Family Na       | me or     | Surname   | <del></del> - |        |
| SCOTT JEFFREY                              | -                            |      |       | 2.11 | KEI                   | MР         |                 |           |           |               |        |
| Inventor's<br>Signature                    |                              | ,    |       | ·    |                       |            |                 |           | ם         | ate           |        |
| Residence: City                            | SAN DIEGO                    | St   | tate  | CA   |                       | Country    | USA             |           | Citize    | enship        | USA    |
| Post Office Address                        | 7873 AVENIDA NAV             | /IDA | D#    | 263  |                       |            |                 |           |           |               |        |
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|--|------------------------------|--------------------|-------|----|--|-----------|-----------------|-----------|-----------|---------|----------|
| Name of Additio                            | nal Joint Inventor, if a     | ny:                |       |    | A petition has been filed for this unsigned inventor |           |                 |           |           |         |          |
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| ODILE ESTHE                                | ₹                            |                    |       |    | LEVY   |           |                 |           |           |         |          |
| Inventor's<br>Signature                    |                              |                    |       |    |  |           |                 |           | Date      |         |          |
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| MARGUERITA                                 |                              |                    |       |    |  | LIM-W     | ILBY            |           |           |         |          |
| Inventor's<br>Signature                    |                              |                    |       |    |  | Da        | ite             |           |           |         |          |
| Residence: City                            | LA JOLLA                     | s                  | tate  | CA |  | Country   | USA             |           | Citize    | nship   | MALAYSIA |
| Post Office Address                        | 6333 CASTENJON               | DRI                | VE    |    |  |           |                 |           |           |         |          |
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| Given Na                                   | me (first and middle [if any | (1)                |       |    |  |           | Family Na       | me or S   | Surname   |         |          |
| SUSAN Y.                                   |                              |                    |       |    | TA   | MURA      |                 |           |           |         |          |
| Inventor's<br>Signature                    |                              |                    |       |    |  |           |                 |           | Da        | ite     |          |
| Residence: City                            | SANTA FE                     | s                  | tate  | NM |  | Country   | USA             |           | Citize    | nship   | USA      |
| Post Office Address                        | 2213 CALLE CACIO             | QUE                | i.    |    |  |           |                 |           |           |         |          |
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| Name of Addition                           | al Joint Inventor, if any      | <u>: </u>         |             |    | A petitio              | n h        | as been filed | for th  | nis unsi | igned in  | ventor  |  |
| Given Nar                                  | me (first and middle [if any]) |                   |             |    | Family Name or Surname |            |               |         |          |           |         |  |
| WANLI                                      |                                |                   |             | WU | WU                     |            |               |         |          |           |         |  |
| inventor's<br>Signature                    |                                |                   |             |    |                        |            |               |         |          | ate       |         |  |
| Residence: City                            | EDISON                         | State             | NJ          |    | Country                | ountry USA |               |         | Citize   | enship    | CHINA   |  |
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| Name of Additional Joint Inventor, if any: |                                |                   |             |    |                        |            |               |         |          | nventor   |         |  |
| Given Name (first and middle [if any])     |                                |                   |             |    | Family Name or Sumame  |            |               |         |          |           |         |  |
| SISKA                                      |                                |                   |             |    | HEND:                  | RA         | ·ΤΑ           |         |          |           |         |  |
| Inventor's<br>Signature                    |                                |                   |             |    |                        |            |               | Date    |          |           |         |  |
| Residence: City                            | EDISON                         | State             | NJ          |    | Country                | Ţ          | USA           |         | Cit      | izenship  | CHINA   |  |
| Post Office Address                        | 25 CINDER ROAD,                | APT. 2            | F           |    |                        |            |               |         |          |           |         |  |
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| Given Na                                   | me (first and middle [if any]) |                   |             |    |                        |            | Family Nar    | ne or   | Surnaı   | me        |         |  |
| YUHUA                                      |                                |                   |             | н  | JANG                   |            |               |         |          | _         |         |  |
| inventor's<br>Signature                    |                                |                   | · · · · · · |    |                        |            |               |         |          | Date      |         |  |
| Residence: City                            | SCOTCH PLAINS                  | State             | NJ          | •  | Country                | Ţ          | USA           |         | Cit      | tizenshij | CHINA   |  |
| Post Office Address                        | 61 SPRUCE MILL LA              | NE_               |             |    |                        |            |               |         |          |           |         |  |
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| DECLARA                    |    | I FOR UTILITY OR                       | First Named Inventor | SAKSENA, et al |             |  |  |  |
| PATE                       |    | APPLICATION                            | COMPLETE IF KNOWN    |                |             |  |  |  |
| (37 CFR 1.63)              |    |  | Application Number   | /              |             |  |  |  |
| · · · · · ·                |    | Filing Date                            | Jul                  | ıly 19, 2001   |             |  |  |  |
| ☑ Declaration<br>Submitted | OR | ☐ Declaration Submitted after Initial  | Group Art Unit       | То             | Be Assigned |  |  |  |
| with Initial<br>Filing     |    | Filing (surcharge<br>(37 CFR 1.16 (e)) | Examiner Name        | Bè Assigned    |             |  |  |  |

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| My residence, post office   | address,                                | and citizenship are                             | as stated below                    | next to my                  | name.                                |   | i                                     |
| I believe I am the original<br>names are listed below) o  | , first and :                           | sole inventor (if only<br>ect matter which is o | one name is lis                    | ted below)<br>which a pat   | or an original, fi                   | rst and joint inver<br>the invention en                                   | ntor (if plural<br>titled:            |
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| the specification of which  | h                                       | (Title  | e of the Invention                 | n)                          |                                      |   | l                                     |
| is attached hereto  |   |   |                                    |                             |                                      |   |                                       |
|   |   |   |                                    |                             |                                      | tion Number or P  | CT International                      |
| Application Number  | lication Number and was amended on (MM. |   |                                    |                             |                                      |   | (if applicable).                      |
| I hereby state that I have a<br>amended by any amendm   |   |   |                                    | above ident                 | ified specificatio                   | n, including the c  | laims, as                             |
| I acknowledge the duty to   | •                                       | •   |                                    | ntability as                | defined in 37 CF                     | R 1.56.   |                                       |
| I hereby claim foreign prior<br>certificate, or 365(a) of any<br>America, listed below and h<br>or of any PCT International | / PCT inte<br>ave also i                | ernational application                          | n which design:<br>checking the bo | ated at lea<br>k. anv forei | st one country<br>on application for | other than the U<br>or patent or inven                                    | nited States of<br>tor's certificate, |
| Prior Foreign Application<br>Number(s)  |   | Country   | Foreign Fili<br>(MM/DD/\           |                             | Priority<br>Not Claimed              | Certified Co<br>YES   | py Attached?<br>NO                    |
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| ☐ Additional foreign applic   |   |   |                                    |                             |                                      |   | eto:                                  |
| I hereby claim the benefit  |   |   |                                    |                             | application(s) lis                   | sted below.   |                                       |
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| As a named inve  | ontor, I he                           | ereby appoint the<br>nnected therewith  | followin                            | ng regis                        | stered pr   | actitioner                            |                     |                     | his applicatio                     | n and to             | transac      | t all business in                    |                            |
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| Name   | PALA                                  | AIYUR S. KA   | LYA                                 | NAR                             | AMA   | N R                                   | eg. N               | No. 3463            | 34                                 |                      |              |                                      |                            |
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| Name of Sc   | ole or F                              | irst inventor   | 1                                   |                                 |   |                                       |                     | A petitio           | n has been                         | filed fo             | r this u     | ınsigned inve                        | ntor                       |
| Gi   | ven Nan                               | me (first and mid   | ddle [it                            | fany])                          |   |                                       | T                   |                     | Family                             | y Name               | or Su        | mame                                 |                            |
| ANIL K.  |                                       |   |                                     |                                 |   |                                       |                     | SAKSE               | NA                                 |                      |              |                                      |                            |
| Inventor's<br>Signature  |                                       |   |                                     |                                 |   |                                       |                     |                     |                                    |                      |              | Date                                 |                            |
| Residence: C   | ity                                   | UPPER MOI   | NTCL                                | AIR                             | State   | NJ                                    |                     | Country             | USA                                | _                    |              | Citizenship                          | USA                        |
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| Additional   | invento                               | rs are being na   | med o                               | n the                           | _7_su   | pplemer                               | ital Ac             | Iditional           | inventor(s)                        | sheet(s              | ) PTO/       | /SB/02A attac                        | hed heret                  |

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**EDWIN** 

inventor's Signature

Residence: City

**Post Office Address** 

Post Office Address

Name of Additional Joint Inventor, if any:

Given Name (first and middle [if any])

WARREN

WARREN

20 CROSSWOOD WAY

ADDITIONAL INVENTOR(S)

A petition has been filed for this unsigned inventor

**USA** 

07059

Family Name or Surname

Date

Citizenship

Country

**USA** 

**USA** 

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| VIYYOOR MO              | OPIL                           |       |         | GIR | IJAVÆ      | ALLABHAN         |             |             |         |
| Inventor's<br>Signature |                                |       |         |     |            |                  |             | Date        |         |
| Residence: City         | PARSIPPANY                     | State | NJ      |     | ountry     | USA              |             | itizenship  | USA     |
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| Given Na                | me (first and middle [if any]) |       |         |     |            | Family Na        | me or Su    | ımame       |         |
| RAYMOND G.              |                                |       |         |     | LOVE       | Υ                |             |             |         |
| Inventor's<br>Signature |                                |       |         |     |            |                  |             | Date        |         |
| Residence: City         | WEST CALDWELL                  | State | NJ      |     | Country    | USA              |             | Citizenship | USA     |
| Post Office Address     | 65 WOODSIDE AVE                | NUE   |         |     |            | ·                |             |             |         |
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|                         |                                | _         |    |     |            |                 |           |           |             |         |
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| Given Nar               | ne (first and middle [if any]) |           |    |     |            | Family Na       | me or S   | Sumame    | <del></del> |         |
| FRANK                   |                                |           |    | BEN | NETI       |                 |           |           |             |         |
| Inventor's<br>Signature |                                |           |    |     |            |                 |           | Date      |             |         |
| Residence: City         | PISCATAWAY                     | State     | NJ |     | Country    | USA             |           | Citizens  | hip SC      | COTLAND |
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| JINPING L.              |                                |           |    |     | MC CO      | ORMICK          |           |           |             |         |
| Inventor's<br>Signature | Date                           |           |    |     |            |                 | ıte       |           |             |         |
| Residence: City         | EDISON                         | State     | NJ |     | Country    | USA             |           | Citize    | nship       | USA     |
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| HAIYAN                  |                                |           |    | W   | ANG        |                 |           |           |             |         |
| Inventor's<br>Signature |                                |           |    |     |            |                 |           |           | ate         |         |
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| Given Nar               | me (first and middle [if any]) |              |     |        |              | Family      | Name or     | Sum         | ame       |      |              |
| RUSSELL E.              |                                |              |     | PII    | KE           |             |             |             |           |      |              |
| Inventor's<br>Signature |                                |              |     |        |              |             |             |             | Date      |      |              |
| Residence: City         | STANHOPE                       | State        | NJ  |        | Country      | USA         |             | Citi        | izenship  | U    | SA           |
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| STEPHANE L.             |                                |              |     |        | BOGE         | N           |             |             |           |      |              |
| Inventor's<br>Signature |                                |              |     |        |              |             |             |             | Date      |      |              |
| Residence: City         | SOMERSET                       | State        | NJ  |        | Country      | USA         |             |             | Citizensi | nip  | FRANCE       |
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| TIN-YAU                 |                                | #*****       |     | C      | HAN          |             |             | <del></del> |           |      |              |
| inventor's<br>Signature |                                |              |     |        |              |             |             |             | Date      |      |              |
| Residence: City         | EDISON                         | State        | NJ  |        | Country      | USA         |             |             | Citizens  | hip  | HONG<br>KONG |
| Post Office Address     | 26 BARLOW ROAD                 |              |     |        |              |             |             |             |           |      |              |
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| YI-TSUNG   |                                 |       |          | LIU                           | Ī         |                  |            |               |          |  |  |
| Inventor's<br>Signature                                      |                                 |       | <u> </u> |                               |           |                  |            | Date          |          |  |  |
| Residence: City  | MORRIS TOWNSHIP                 | State | NJ       |                               | Country   | USA              |            | Citizenship   | CHINA    |  |  |
| Post Office Address  | 34 ALEXANDRIA RO                | AD    |          |                               |           |                  |            |               |          |  |  |
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| City   | MORRIS TOWNSHIP                 | State | NJ       |                               | ZIP (     | 07960            | Country    | USA           |          |  |  |
| Name of Additional Joint Inventor, if any:                   |                                 |       |          |                               |           |                  |            |               |          |  |  |
| Given Name (first and middle [if any]) Family Name or Sumame |                                 |       |          |                               |           |                  |            |               |          |  |  |
| ZHAONING   |                                 |       |          |                               | ZHU       |                  |            |               |          |  |  |
| Inventor's<br>Signature                                      |                                 |       |          |                               |           |                  |            | Date          |          |  |  |
| Residence: City  | EAST WINDSOR                    | State | NJ       |                               | Country   | USA              |            | Citizenshi    | CHINA    |  |  |
| Post Office Address  | 34 STONEHEDGE I                 | DRIVE |          |                               |           |                  |            |               |          |  |  |
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| Name of Additio  | nal Joint Inventor, if an       | y:    |          |                               | ] A petit | ion has been fil | led for th | nis unsigned  | inventor |  |  |
| Given Na   | ame (first and middle [if any]) | )     |          |                               |           | Family N         | ame or     | Surname       |          |  |  |
| F. GEORGE  |                                 |       |          | NO                            | GORO      | GE               |            |               |          |  |  |
| Inventor's<br>Signature                                      |                                 |       |          | _                             |           |                  |            | Date          |          |  |  |
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| ASHOK                   |                                |        |       | ARA         | SAPP.     | AN              |            |            |         |       |
| Inventor's<br>Signature |                                |        |       |             |           |                 |            | Date       |         |       |
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| TEJAL                   |                                |        |       | P           | AREK      | Н               |            |            |         |       |
| Inventor's<br>Signature |                                | Date   |       |             |           |                 |            |            |         |       |
| Residence: City         | MOUNTAIN VIEW                  | State  | CA    |             | ountry    | USA             |            | Citizen    | ship    | INDIA |
| Post Office Address     | 1885 EDNAMARY W                | 'AY, U | NIT C |             |           |                 |            |            |         |       |
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| ASHIT K.                |                                |        |       | GA          | NGUI      | Y               |            |            |         |       |
| Inventor's<br>Signature |                                | ı      |       | <del></del> |           | ·               |            | Da         | te      |       |
| Residence: City         | UPPER MONTCLAIR                | State  | NJ    |             | Country   | USA             | 8.5        | Citize     | nship_  | USA   |
| Post Office Address     | 96 COOPER AVENU                | JE     |       |             |           |                 |            |            |         |       |
| Post Office Address     |                                |        |       |             |           |                 |            |            |         |       |
| City                    | UPPER<br>MONTCLAIR             | State  | NJ    |             | ZIP       | 07043           |            | Country    | USA     | Α     |

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| KEVIN X.                |                                |  |     | CH | EN         |                 |                                       |           |         |        |
| inventor's<br>Signature |                                |  |     |    |            |                 |                                       | Date      |         |        |
| Residence: City         | ISELIN                         | State                                  | NJ  |    | Country    | USA             |                                       | Citizens  | ship    | USA    |
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| SRIKANTH                | VI                             |  |     |    |            | ATRAMAN         |                                       |           |         |        |
| Inventor's<br>Signature |                                |  |     |    |            | Da              | ate                                   |           |         |        |
| Residence: City         | FORDS                          | State                                  | NJ  | ,  | Country    | USA             | · · · · · · · · · · · · · · · · · · · | Citize    | nship   | INDIA  |
| Post Office Address     | 6 TULIP DRIVE, #3H             |  |     |    |            |                 |                                       |           |         |        |
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| Given Na                | me (first and middle [if any]) | ·-···································· |     |    |            | Family Na       | ame or                                | Surname   | ,       |        |
| HENRY A.                |                                |  |     | VA | CCAR       | О               |                                       |           |         |        |
| Inventor's<br>Signature |                                |  | · · |    |            |                 |                                       | D         | ate     |        |
| Residence: City         | SOUTH PLAINFIELD               | State                                  | NJ  |    | Country    | USA             |                                       | Citize    | nship   | USA    |
| Post Office Address     | 123 SOMERSET AVE               | NUE                                    |     |    |            |                 |                                       |           |         |        |
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| <del></del>   | nal Joint Inventor, if an     |          |     |     | <u> Ц</u>   | A petitio | n has been file |           |            | ed inv  | entor       |
| Given Nar   | ne (first and middle [if any] | D        |     |     |             |           | Family Nar      | ne or S   | Sumame     |         |             |
| PATRICK A.  |                               |          |     |     | PIN         | ТО        |                 |           |            |         |             |
| Inventor's<br>Signature   |                               |          |     |     |             | ·····-    |                 |           | Date       |         |             |
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| Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor |                               |          |     |     |             |           |                 |           |            |         |             |
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| BAMA  |                               |          |     |     | :           | SANTE     | IANAN           |           |            |         |             |
| Inventor's<br>Signature   | Date                          |          |     |     |             |           |                 |           |            |         |             |
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| SCOTT JEFFREY   |                               |          |     |     | KEI         | MP        |                 |           |            |         |             |
| Inventor's<br>Signature   | Scott Kenyo                   | <u> </u> |     |     |             |           |                 |           | Da         | ite     | 6/15/01     |
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| ODILE ESTHER                               | ξ                              |                                       |    | LEVY                   |           |               |               |         |            |          |
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| MARGUERITA                                 |                                |                                       |    | J                      | LIM-W     | TLBY          |               |         |            |          |
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Attorney Docket Number IN01159K **DECLARATION FOR UTILITY OR** SAKSENA, et al First Named Inventor DESIGN COMPLETE IF KNOWN PATENT APPLICATION (37 CFR 1.63) Application Number Filing Date July 19, 2001 □ Declaration Declaration OR Submitted after Initial Submitted **Group Art Unit** To Be Assigned Filing (surcharge with Initial (37 ČFR 1.16 (e)) **Examiner Name** Filina to Be Assigned required) As a below named inventor, I hereby declare that: My residence, post office address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: NOVEL PEPTIDES AS NS3-SERINE PROTEASE INHIBITORS OF HEPATITIS C VIRUS the specification of which (Title of the Invention) × is attached hereto OR was filed on (MM/DD/YYYY) as United States Application Number or PCT International Application Number and was amended on (MM/DD/YYYY) I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed. Priority Certified Copy Attached? Prior Foreign Application Foreign Filing Date Country (MM/DD/YYYY) Not Claimed Number(s) YES NO Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto: I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below. Application Number(s) Filing Date (MM/DD/YYYY) Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. [Page 1 of 2] **CERTIFICATE OF MAILING** I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this dats: Typed or printed name Date Signature

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| ANIL K.   |  |  |                        |                     |                  | Sz           | AKSEN       | NΑ              |           |         |                                       |            |  |
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| Inventor's                             | OTIL                                     |          |    | OII | JJA V     | LLABITAN        |          |           | Т       |       |
| Signature                              |  | ı —      |    |     |           |                 |          | Date      | _       |       |
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| RAYMOND G.                             | D G.                                     |          |    |     |           | Y               |          |           |         |       |
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| inventor's<br>Signature                |  |          |    |     |           |                 |          | Da        | te      |       |
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| FRANK                                  |  |             | <u>l</u> | BE       | NNET                   | Γ                |            |            |               |         |  |
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| inventor's<br>Signature                |  |             |          |          |                        |                  |            | Da         | ite           |         |  |
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# ADDITIONAL INVENTOR(S) Supplemental Sheet Page 3 of 9

| Name of Additional Joint Inventor, If any:  A petition has been filed for this unsigned inventor |                               |       |    |                       |           |                  |          |             |         |              |  |
|--|-------------------------------|-------|----|-----------------------|-----------|------------------|----------|-------------|---------|--------------|--|
| Given Na   | me (first and middle [if any  | ])    |    | Family Name or Sumame |           |                  |          |             |         |              |  |
| RUSSELL E.   |                               |       |    | PIK                   | Œ         |                  |          |             |         |              |  |
| Inventor's<br>Signature  |                               |       |    |                       |           |                  |          | Date        |         |              |  |
| Residence: City  | STANHOPE                      | State | NJ | Country USA           |           |                  |          | Citizens    | hip (   | JSA          |  |
| Post Office Address  | RD #1, 31 FLORENCE STREET     |       |    |                       |           |                  |          |             |         |              |  |
| Post Office Address  |                               |       |    |                       |           |                  |          |             |         |              |  |
| City   | STANHOPE                      | State | NJ | ZIP 07874 Co          |           |                  | Count    | try US      | A       |              |  |
| Name of Additional Joint Inventor, if any:  A petition has been filed for this unsigned inventor |                               |       |    |                       |           |                  |          |             |         |              |  |
| Given Name (first and middle [if any]) Family Name or Sumame                                     |                               |       |    |                       |           |                  |          |             |         |              |  |
| STEPHANE L.  |                               |       |    | J                     | BOGEN     | 1                |          |             |         |              |  |
| Inventor's<br>Signature  | Date                          |       |    |                       |           |                  |          |             |         |              |  |
| Residence: City  | SOMERSET                      | State | NJ |                       | Country   | USA              |          | Citizenship |         | FRANCE       |  |
| Post Office Address  | 13 DAHLIA ROAD                |       |    |                       |           |                  |          | <del></del> |         |              |  |
| Post Office Address  |                               |       |    |                       |           |                  |          |             |         |              |  |
| City   | SOMERSET                      | State | NJ |                       | ZIP       | 08873            | Cot      | untry       | USA     |              |  |
| Name of Addition   | nal Joint Inventor, if an     | ıy:   |    |                       | A petitic | on has been file | ed for t | this unsigr | ned inv | ventor       |  |
| Given Nar  | me (first and middle [if any] | ))    |    |                       |           | Family Na        | me or    | Surname     |         |              |  |
| TIN-YAU  |                               |       |    | CH                    | AN        |                  |          |             | _       |              |  |
| Inventor's<br>Signature  |                               |       |    |                       |           |                  |          | Da          | ite     |              |  |
| Residence: City  | EDISON                        | State | NJ |                       | Country   | USA              |          | Citizer     | nship   | HONG<br>KONG |  |
| Post Office Address  | 26 BARLOW ROAD                |       |    |                       |           |                  |          |             |         |              |  |
| Post Office Address  |                               |       |    |                       |           |                  |          |             |         |              |  |
| City   | EDISON                        | State | NJ |                       | ZIP       | 08817            |          | Country     | USA     | A            |  |

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# ADDITIONAL INVENTOR(S) Supplemental Sheet Page 4 of

| Name of Addition  | nal Joint Inventor, if an      | y:    |    |     | A petitio  | n has been f | iled for t | his un  | signed in  | ventor  |
|---|--------------------------------|-------|----|-----|------------|--------------|------------|---------|------------|---------|
| Given Na  | me (first and middle [if any]] | )     |    |     |            | Family N     | lame or    | Suma    | me         |         |
| YI-TSUNG  |                                |       |    | LIU | J          |              |            |         |            |         |
| inventor's<br>Signature   |                                |       |    |     |            |              |            | Ε       | Date       |         |
| Residence: City   | MORRIS TOWNSHIP                | State | NJ |     | Country    | USA          |            | Citiz   | enship     | CHINA   |
| Post Office Address   | 34 ALEXANDRIA ROAD             |       |    |     |            |              |            |         |            |         |
| Post Office Address   |                                |       |    |     |            |              |            |         |            |         |
| City  | MORRIS TOWNSHIP                | State | NJ |     | ZIP (      | 7960         | Coun       | try     | USA        |         |
| Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor |                                |       |    |     |            |              |            |         |            |         |
| Given Na  | me (first and middle [if any]  | )     |    |     |            | Family 1     | lame or    | Suma    | me         |         |
| ZHAONING  |                                |       |    |     | ZHU        |              |            |         |            |         |
| Inventor's<br>Signature   | Date                           |       |    |     |            |              |            |         |            |         |
| Residence: City   | EAST WINDSOR                   | State | NJ |     | Country    | USA          |            | C       | itizenship | CHINA   |
| Post Office Address   | 34 STONEHEDGE I                | DRIVE |    |     |            |              |            |         |            |         |
| Post Office Address   | •                              |       |    |     |            |              |            |         |            |         |
| City  | EAST WINDSOR                   | State | NJ |     | ZIP        | 08520        | Co         | untry   | USA        |         |
| Name of Addition  | nal Joint Inventor, if an      | y:    |    |     | A petition | on has been  | filed for  | this ur | nsigned in | nventor |
| Given Na  | me (first and middle [if any]  | )     |    |     |            | Family I     | Name or    | Surna   | ame        |         |
| F. GEORGE   |                                |       |    | NG  | OROG       | E            |            |         |            |         |
| inventor's<br>Signature   |                                |       |    |     | -          |              |            |         | Date       |         |
| Residence: City   | WARREN                         | State | NJ |     | Country    | USA          |            | С       | itizenship | KENYA   |
| Post Office Address   | 11 SOFTWOOD WA                 | Y     |    |     |            |              |            |         |            |         |
| Post Office Address   |                                |       |    |     |            |              |            |         |            |         |
| City  | WARREN                         | State | NJ |     | ZIP        | 07059        |            | Count   | try US     | SA      |

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| Name of Additional Joint Inventor, if any:  A petition has been filed for this unsigned inventor |                              |       |        |                  |                       |                 |           |            |         |       |  |
| Given Na   | me (first and middle [if any | ])    |        |                  | Family Name or Sumame |                 |           |            |         |       |  |
| ASHOK  |                              |       |        | AR               | ASAPI                 | PAN             |           |            |         |       |  |
| Inventor's<br>Signature  |                              |       |        |                  |                       |                 |           | Date       |         |       |  |
| Residence: City  | BRIDGEWATER                  | Stat  | e NJ   | NJ Country USA C |                       |                 |           |            | hip ]   | NDIA  |  |
| Post Office Address  | 18LARSEN COURT               |       |        |                  |                       |                 |           |            |         |       |  |
| Post Office Address  | В                            |       |        |                  |                       |                 |           |            |         |       |  |
| City   | BRIDGEWATER                  | Sta   | e NJ   |                  | ZIP (                 | 8807            | Countr    | y US       | SA      |       |  |
| Name of Additional Joint Inventor, if any:  A petition has been filed for this unsigned inventor |                              |       |        |                  |                       |                 |           |            |         |       |  |
| Given Na   | me (first and middle [if any | ])    |        | T                |                       | Family Na       | me or S   | Surname    |         |       |  |
| TEJAL  |                              |       |        |                  | PAREK                 | Н               |           |            |         |       |  |
| Inventor's<br>Signature  | Date                         |       |        |                  |                       |                 |           |            |         |       |  |
| Residence: City  | MOUNTAIN VIEW                | Stat  | e CA   |                  | Country               | USA             |           | Citize     | nship   | INDIA |  |
| Post Office Address  | 1885 EDNAMARY W              | VAY,  | UNIT C |                  |                       |                 |           |            |         |       |  |
| Post Office Address  |                              |       |        |                  |                       |                 |           |            |         |       |  |
| City   | MOUNTAIN VIEW                | Sta   | te CA  | <del></del>      | ZIP                   | 94040           | Cou       | ntry       | USA     |       |  |
| Name of Addition   | nal Joint Inventor, if ar    | ıy:   |        |                  | A petitio             | n has been file | ed for th | nis unsigr | ned inv | entor |  |
| Given Na   | me (first and middle [if any | ])    |        |                  |                       | Family Na       | me or s   | Surname    |         |       |  |
| ASHIT K.   |                              |       |        | G/               | ANGUL                 | Υ               |           |            |         |       |  |
| Inventor's<br>Signature  |                              |       |        |                  |                       |                 |           | Da         | te      |       |  |
| Residence: City  | UPPER MONTCLAIR              | Stat  | e NJ   |                  | Country               | USA             |           | Citize     | nship   | USA   |  |
| Post Office Address  | 96 COOPER AVENU              | Æ     |        |                  |                       |                 |           |            |         |       |  |
| Post Office Address  |                              |       |        |                  |                       |                 |           |            |         |       |  |
| City   | UPPER<br>MONTCLAIR           | State | NJ     |                  | ZIP                   | 07043           |           | ountry     | USA     |       |  |

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| Name of Addition                           | Name of Additional Joint Inventor, if any:  A petition has been filed for this unsigned inventor |                |             |                        |              |        |            |           |           |        |       |
|--|--|----------------|-------------|------------------------|--------------|--------|------------|-----------|-----------|--------|-------|
| Given Nar                                  | me (first and middle [if any])   | ,              |             | Family Name or Surname |              |        |            |           |           |        |       |
| KEVIN X.                                   |  |                |             | СНІ                    | EN           | ,      |            |           |           |        |       |
| Inventor's<br>Signature                    |  |                |             |                        |              |        |            |           |           |        |       |
| Residence: City                            | ISELIN   | State          | NJ          |                        | Country      | USA    | 1          |           | Citizensi | ip (   | JSA   |
| Post Office Address                        | 44 GILL LANE, APT. 1D  |                |             |                        |              |        |            |           |           |        |       |
| Post Office Address                        |  |                |             | <del></del>            | <del>,</del> |        |            |           |           |        |       |
| City                                       | ISELIN   | State          | NJ          |                        | ZIP          | 08830  | ) c        | country   | US        | A      |       |
| Name of Additional Joint Inventor, if any: |  |                |             |                        |              |        |            |           |           |        |       |
| Given Nar                                  |  | Fr             | amily Name  | e or S                 | umame        |        |            |           |           |        |       |
| SRIKANTH                                   | SRIKANTH VENKATRAMAN   |                |             |                        |              |        |            |           |           |        |       |
| Inventor's<br>Signature                    |  |                |             |                        |              |        |            |           | Dat       | te.    |       |
| Residence: City                            | FORDS  | State          | NJ          |                        | Country      | US     | SA         |           | Citizer   |        | INDIA |
| Post Office Address                        | 6 TULIP DRIVE, #3H   | I              |             |                        |              |        |            |           |           |        |       |
| Post Office Address                        |  |                |             |                        |              |        |            |           |           |        |       |
| City                                       | FORDS  | State          | NJ          |                        | ZIP          | 088    | 363        | Coun      | itry [    | JSA    |       |
| Name of Addition                           | nal Joint Inventor, if an  | y:             |             |                        | A petiti     | on has | been filed | l for thi | is unsigr | ed inv | entor |
| Given Na                                   | ame (first and middle [if any])  | )              |             |                        |              | F      | amily Nam  | e or S    | Sumame    |        |       |
| HENRY A.                                   |  |                |             | VA                     | CCAR         | (O     |            |           |           |        |       |
| Inventor's<br>Signature                    |  |                | <del></del> |                        |              |        |            |           | Da        | te     |       |
| Residence: City                            | SOUTH PLAINFIELD   | State          | NJ          |                        | Country      | , US.  | <u>A</u>   |           | Citize    | nship  | USA   |
| Post Office Address                        | 123 SOMERSET AVE   | ENUE           |             |                        |              |        |            |           |           |        |       |
| Post Office Address                        |  | - <del>-</del> |             |                        |              |        |            |           |           |        |       |
| City                                       | SOUTH<br>PLAINFIELD  | State          | NJ          |                        | ZIP          | 07     | 7080       | C         | ountry    | USA    | Λ.    |

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|--|--|-------|------|-------|-----------------------|------------------|-----------|---------------|--------|---------|--|
| Given Nan  | ne (first and middle [if any])   |       |      |       | Family Name or Sumame |                  |           |               |        |         |  |
| PATRICK A.   |  |       |      | PINTO |                       |                  |           |               |        |         |  |
| Inventor's<br>Signature  |  |       |      |       |                       |                  | Date      |               |        |         |  |
| Residence: City  | MORRIS PLAINS  | State | NJ   |       | Country USA C         |                  |           |               | ip [   | JSA     |  |
| Post Office Address  | 34 BATTLE RIDGE ROAD   |       |      |       |                       |                  |           |               |        |         |  |
| Post Office Address  |  |       |      | ····· |                       |                  |           | <del>-1</del> |        |         |  |
| City   | MORRIS PLAINS  | State | NJ   |       | ZIP                   | 07950            | Country   | USA           | A      |         |  |
| Name of Additional Joint Inventor, if any:  A petition has been filed for this unsigned inventor |  |       |      |       |                       |                  |           |               |        |         |  |
| Given Nar  | me (first and middle [if any])   |       |      |       |                       | Family Nar       | ne or S   | Sumame        |        |         |  |
| BAMA   |  |       |      | 5     | SANTE                 | IANAN            |           |               |        |         |  |
| Inventor's<br>Signature  | Date   |       |      |       |                       |                  |           |               |        |         |  |
| Residence: City  | BRIDGEWATER  | State | NJ   |       | Country               | USA              |           | Citizer       | ship   | INDIA   |  |
| Post Office Address  | 10 SOMERSET AVE  | NUE   |      |       |                       |                  | -,···     |               |        |         |  |
| Post Office Address  | •  |       |      |       |                       |                  |           |               |        | . Avues |  |
| City   | BRIDGEWATER  | State | NJ   |       | ZIP                   | 08807            | Cour      | ntry [        | JSA    |         |  |
| Name of Addition   | nal Joint Inventor, if an  | y:    |      |       | A petitio             | on has been file | ed for th | nis unsigr    | ed inv | entor   |  |
| Given Na   | me (first and middle [if any]  | )     |      |       |                       | Family Na        | me or     | Surname       |        |         |  |
| SCOTT JEFFREY  | 7  |       |      | KE    | MP                    |                  |           |               |        |         |  |
| Inventor's<br>Signature  |  |       |      |       |                       |                  |           | Da            | te     |         |  |
| Residence: City  | SAN DIEGO  | State | CA   | ١.    | Country               | USA              |           | Citize        | nship  | USA     |  |
| Post Office Address  | 7873 AVENIDA NAV   | IDAD  | #263 |       |                       |                  |           |               |        |         |  |
| Post Office Address  |  |       |      |       |                       |                  |           |               |        |         |  |
| City   | SAN DIEGO  | State | CA   |       | ZIP                   | 92130            |           | Country       | USA    | Α       |  |

### **DECLARATION**

# ADDITIONAL INVENTOR(S) Supplemental Sheet Page 8 of 9

| Name of Addition  | nal Joint Inventor, if an     | ıy:     |          |                       | A petitio | n has been file | ed for this | unsigne   | d inv  | entor    |  |
|---|-------------------------------|---------|----------|-----------------------|-----------|-----------------|-------------|-----------|--------|----------|--|
| Given Na  | me (first and middle [if any] | D       |          | Family Name or Sumame |           |                 |             |           |        |          |  |
| ODILE ESTHER  | <b>t</b>                      |         |          | LEVY                  |           |                 |             |           |        |          |  |
| Inventor's<br>Signature                                       |                               |         |          |                       |           |                 | Date        |           |        |          |  |
| Residence: City   | SAN DIEGO                     | State   | CA       |                       | Country   | USA             |             | Citizensh | ip [   | JSA      |  |
| Post Office Address   | 5304 RUETTE DE MER            |         |          |                       |           |                 |             |           |        |          |  |
| Post Office Address   |                               | <b></b> |          |                       |           |                 |             | ·         |        |          |  |
| City  | SAN DIEGO                     | State   | NJ       |                       | ZIP !     | 92130           | Country     | USA       |        |          |  |
| Name of Additional Joint Inventor, if any:                    |                               |         |          |                       |           |                 |             |           |        |          |  |
| Given Name (first and middle [if any]) Family Name or Surname |                               |         |          |                       |           |                 |             |           |        |          |  |
| MARGUERITA  | MARGUERITA LIM-WILBY          |         |          |                       |           |                 |             |           |        |          |  |
| Inventor's<br>Signature                                       | Date                          |         |          |                       |           |                 |             |           |        |          |  |
| Residence: City   | LA JOLLA                      | State   | CA       |                       | Country   | USA             |             | Citizen   | ship   | MALAYSIA |  |
| Post Office Address   | 6333 CASTENJON                | DRIVE   |          |                       |           |                 |             |           |        |          |  |
| Post Office Address   | ٠                             |         | ·        |                       |           |                 |             |           |        |          |  |
| City  | SANTA FE                      | State   | NM       |                       | ZIP       | 92037           | Count       | ט עי      | SA     |          |  |
| Name of Addition  | nal Joint Inventor, if an     | ıy:     |          |                       | A petitio | n has been fil  | ed for this | s unsign  | ed inv | rentor   |  |
| Given Na  | me (first and middle (if any  | D       |          |                       |           | Family Na       | ame or Si   | umame     |        |          |  |
| SUSAN Y.  |                               |         |          | TAI                   | MURA      |                 |             |           |        |          |  |
| Inventor's<br>Signature                                       | Swim you                      | hiko    | <i>)</i> | mi                    | n         |                 |             | Dat       | 0      | 6/28/01  |  |
| Residence: City   | SANTA FE                      | State   | NM       |                       | Country   | USA             |             | Citizen   | ship   | USA      |  |
| Post Office Address   | 2213 CALLE CACIO              | (UE     |          |                       |           |                 |             |           |        |          |  |
| Post Office Address   |                               |         |          |                       |           |                 |             |           |        |          |  |
| City  | SANTA FE                      | State   | NM       |                       | ZIP       | 87505           | C           | ountry    | USA    | Ą        |  |

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| Name of Additional Joint Inventor, If any: |                         |       |    |             |                                       |               |        |            |       |          |  |
|--|-------------------------|-------|----|-------------|---------------------------------------|---------------|--------|------------|-------|----------|--|
| Given Name (first and middle [if any])     |                         |       |    |             | Family Name or Surname                |               |        |            |       |          |  |
| WANLI WU                                   |                         |       |    |             |                                       |               |        |            |       |          |  |
| Inventor's<br>Signature                    |                         |       |    |             |                                       |               |        | Date       |       |          |  |
| Residence: City                            | EDISON                  | State | NJ | c           | ountry                                | USA           |        | Citizens   | nip C | HINA     |  |
| Post Office Address                        | 30 SHEPPARD PLACE       |       |    |             |                                       |               |        |            |       |          |  |
| Post Office Address                        |                         |       |    |             |                                       |               |        |            |       |          |  |
| City                                       | EDISON                  | State | NJ |             | ZIP                                   | )8817 Country |        | y US       | USA   |          |  |
| Name of Additional Joint Inventor, if any: |                         |       |    |             |                                       |               |        |            |       |          |  |
| Given Name (first and middle [if any])     |                         |       |    |             | Family Name or Sumame                 |               |        |            |       |          |  |
| SISKA HENDRA                               |                         |       |    |             |                                       | ATA           |        |            |       |          |  |
| Inventor's<br>Signature                    |                         |       |    |             |                                       |               |        | Date       |       |          |  |
| Residence: City                            | EDISON                  | State | NJ | С           | Country USA                           |               | Citize | nship      | CHINA |          |  |
| Post Office Address                        | 25 CINDER ROAD, APT. 2F |       |    |             |                                       |               |        |            |       |          |  |
| Post Office Address                        | ·                       |       |    |             |                                       |               |        |            |       |          |  |
| City                                       | EDISON                  | State | NJ | ZIP 08820 C |                                       | Cou           | ntry [ | v USA      |       |          |  |
| Name of Additional Joint Inventor, if any: |                         |       |    |             |                                       |               |        |            |       |          |  |
| Given Name (first and middle [if any])     |                         |       |    |             | Family Name or Surname                |               |        |            |       |          |  |
| YUHUA                                      | HUANG                   |       |    |             |                                       |               |        |            |       |          |  |
| Inventor's<br>Signature                    |                         |       |    |             |                                       |               |        |            | Date  |          |  |
| Residence: City                            | SCOTCH PLAINS           | State | NJ |             | ountry                                | USA           |        | Citize     | nship | CHINA    |  |
| Post Office Address                        | 61 SPRUCE MILL LANE     |       |    |             |                                       |               |        |            |       |          |  |
| Post Office Address                        |                         |       | γ  |             | · · · · · · · · · · · · · · · · · · · |               |        |            |       |          |  |
| City                                       | SCOTCH PLAINS           | State | NJ | :           | ZIP                                   | 07076         |        | Country US |       | <u> </u> |  |